L-Università ta' Malta Ġ.F. Abela Junior College JUNIOR COLLEGE

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# JUNIOR COLLEGE PROSPECTUS

2025-2026











# **Foreword**

t is a great pleasure for me to welcome you to Junior College. This coming October, the College will once again open its doors to those who would like to pursue their educational journey.

Junior College offers you a unique learning experience which is of high quality, personalised, inclusive and holistic. The College presents no barriers to those who would like to enrol but at the same time, standards are maintained throughout in order to maximise your learning experience with us.

Once more, we are offering a number of study programmes that are in tune with the changing trends in education. Our programmes cater for anyone who would like to further their education, to prepare for a university course, to be better prepared for work, and to face life challenges.

As our alumni can attest, at Junior College, you do not simply learn subjects, but you grow as individuals on various levels. We are very proud of our past students, who, having completed their education, now hold leading positions both locally and abroad.

This Prospectus is aimed at giving you information about the different study programmes and the subjects on offer, as well as guidance on how to apply. For up-to-date information, please visit the College website.

During your time at Junior College, a lot of emphasis is placed on the academic aspect, but not only that. We offer you an extensive range of informal and nonformal activities for your personal enrichment.

Before you make your choices, do read this Prospectus and consult our advisory services to ensure that you make the right choice.

I hope that your time at the College will be a memorable one, during which you will grow, learn and forge new friendships, as you embark on the next stage of your journey. I am sure that you will make us proud, just as hundreds of other students have done in the past.

If at any time you feel you need help, remember that we are here for you.

Good luck.



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### √ jc.um.edu.mt

#### Join us

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# PROFILE OF SUBJECTS

# **Profile of Subjects**



| GROUP 1  | 33 |
|----------|----|
| Arabic   |    |
| English  |    |
| French   |    |
| German   |    |
| Greek    |    |
| Italian  |    |
| Latin    |    |
| Il-Malti |    |
| Spanish  |    |

| GROUP 2             | 52 |
|---------------------|----|
| Accounting          |    |
| Classical Studies   |    |
| Economics           |    |
| Geography           |    |
| History             |    |
| Marketing           |    |
| Philosophy          |    |
| Psychology          |    |
| Religious Knowledge |    |
| Sociology           |    |

| GROUP 3               | 74 |
|-----------------------|----|
| Applied Mathematics   |    |
| Biology               |    |
| Chemistry             |    |
| Computing             |    |
| Environmental Science |    |
| Physics               |    |
| Pure Mathematics      |    |

# Art Graphical Communication Engineering Drawing and Graphical Communication Home Economics and Human Ecology Information Technology Music Physical Education

Theatre and Performance

SYSTEMS OF KNOWLEDGE Compulsory Subject

The information in this prospectus shall be applicable to study programmes commencing in October 2025.

Students are to consult the Junior College website for more information.

#### **✓** jc.um.edu.mt

The Junior College confirms that the information presented in this Prospectus is correct up to the time of publishing (July 2025), but cannot be held responsible for any changes that may need to be affected from time to time.



# Studying at Junior College

#### STUDY PROGRAMMES ON OFFER

JC offers a number of educational programmes which are specifically designed to suit different student learning requirements, so that every student is given the opportunity to continue their education. These include programmes intended for students who have just completed compulsory education, 18+ students, as well as for others who would like to restart their education at this level.

#### At JC, you can:

- join a study programme for the first time
- restart first year
- start second year
- restart second year
- enrol as 18+ students
- enrol as adult learners
- follow a one-year programme

Students following a study programme which is longer than one academic year, are automatically promoted to the second year after successfully completing their first year.

#### GENERAL ENTRY REQUIREMENTS FOR JUNIOR COLLEGE FOR ACADEMIC YEAR 2025/26

It is highly recommended that as a prospective student, whether in possession of all the entry requirements **or not**, you apply during the first admission period in July 2025. Students not in possession of all the entry requirements are encouraged to use the September supplementary session to obtain all the entry requirements.

The following entry requirements for admission to Junior College (JC) apply to all students under 18 years of age:

1. any six (6) passes in the Secondary Education Certificate (SEC) Examination at Grade 5 or better or the equivalent, or SEC level 3, or when applicable, the equivalent, which must include any one of the core subjects (English Language, Maltese, Mathematics).



- 2. Prospective applicants who are not in possession of any one of these core subjects, **must attend** mentored study classes (preparatory classes) offered by the College, to assist them to sit for the respective SEC examinations, as these are required for entry to UM.
- 3. In cases where an applicant does not hold SEC qualifications, but has qualifications from other Boards, the applicant may still be admitted following a favourable recommendation of the Admissions Board.
- 4. Applicants whose qualifications fall short of those required due to a significant disability, including individuals within the Autism Spectrum and with specific learning difficulties, may make a request to the Admissions Board who, on the advice of the Access Disability Support Committee (ADSC), will consider each application on its own merit.
- 5. International students, or applicants not in possession of SEC qualifications are to contact the Student Services Office (SSO) by sending an email (administration.jc@um.edu.mt).

#### **GENERAL CONDITIONS**

- As a registered student, you are expected to follow JC Regulations and Guidelines as published on the JC website (ic.um.edu.mt/journey/admissionsadvice/proceduresduties)
- 2. As a student at the College, you will be prepared for the MATSEC examinations **only** at the end of your study programme (SP).
- It is your responsibility to ensure that your choice of subjects to obtain the Matriculation certificate is in line with MATSEC regulations (um.edu.mt/matsec/regulations). The same applies if, at any time, you request a change of subjects.
- 4. You may only register for **one** of the study programmes the College offers, at a time, and cannot be registered at JC concurrently with another institution.
- 5. If you wish to pursue your studies at the University of Malta (UM), you should be aware of the general entry requirements and special course requirements before you enrol at JC. It is your responsibility to ensure that the choice of subjects for entry to undergraduate courses conforms with such requirements. Further information can be obtained at um.edu.mt/sas/scr
- It is strongly advisable that prospective students, including adult learners, contact the Student Advisory Services (um.edu.mt/sas) to assist them with the requirements for the course they intend to choose.
- 7. You are expected to commit yourself to your programme of studies and attend all sessions in your timetable.

#### **MALTESE AS A REQUIREMENT**

"13. (1) As from October 2025, for admittance to the Junior College, and as from October 2027, for admittance to the University undergraduate courses, nothwithstanding the requirement of Maltese at Secondary Education Certificate level, as specified in regulations 10 and 12 of these regulations, the Admissions Board may, in special circumstances and subject to the conditions set out hereunder, allow an applicant to offer another language instead of Maltese, as follows:

- (a) a Maltese applicant, who pursued less than three years of compulsory secondary level schooling in Malta, may present a pass in Il-Malti bħala Lingwa Barranija at SEC level 3 or in another language at SEC level 3 or at grade 5 or better or at a comparable level.
- (b) a Non-Maltese applicant, who pursued at least four years of compulsory secondary level schooling in Malta, may present a pass in Il-Malti bħala Lingwa Barranija at SEC level 3.
- (c) a Non-Maltese applicant, who pursued less than four years of compulsory secondary level schooling in Malta, may present a pass in II-Malti bħala Lingwa Barranija at **SEC level 3** or in another language at SEC level 3 or at grade 5 or better or at a comparable level."

(Extract from the Admissions Regulations, 2016, available at um.edu.mt/I/PonUV)

Students will be expected to provide proof to this effect.

Continued overleaf —





# STUDYING AT JUNIOR COLLEGE

# **List of Study Programmes**



Full details are available online at

√ jc.um.edu.mt/studyprogrammes

#### MATRICULATION COURSE (STANDARD)

**MQF LEVEL 4** 



Full course details are available online at

✓ jc.um.edu.mt/study/programmes/matriculationcoursestandard

| Objective             | Obtaining the Matriculation Certificate, which is required for entry to UM  |  |
|-----------------------|---|--|
| Entry<br>requirements | General entry requirements for Junior College apply (see page 7).   |  |
| Duration              | Two (2) years on a full-time basis  |  |
| Outline               | This programme is in adherence to MATSEC syllabi and regulations.   |  |
|                       | Students must choose <b>six (6)</b> subjects, <b>two (2)</b> at Advanced Matriculation (AM) level, <b>three (3)</b> subjects at Intermediate Matriculation (IM) level and Systems of Knowledge (as a compulsory subject). |  |
|                       | The choice of subjects should include at least one subject from each of Groups 1, 2 and 3. The remaining two subjects may be chosen from any of the four groups (refer to jc.um.edu.mt/prospectivestudents/study)         |  |
| Conditions            | General Conditions apply (see page 8).  |  |
|                       |   |  |

#### MATRICULATION COURSE (EXTRA)

**MQF LEVEL 4** 



Full course details are available online at

✓ jc.um.edu.mt/study/programmes/matriculationcourseextra

#### Objective

Offered to prospective students who require three (3) subjects at Advanced Matriculation (AM) level to pursue their studies at a higher level, while retaining the possibility to obtain the Matriculation Certificate, which is required for entry to UM.

### Entry requirements

General entry requirements for Junior College apply (see page 7).

#### Duration

Two (2) years on a full-time basis

This programme is in adherence to MATSEC syllabi and regulations.

#### Outline

Students must choose **six (6)** subjects, **three (3)** at AM level, **two (2)** subjects at Intermediate Matriculation (IM) level and Systems of Knowledge (as a compulsory subject).

The choice of subjects should include at least one subject from each of Groups 1, 2 and 3. The remaining two subjects may be chosen from any of the four groups (refer to jc.um.edu.mt/prospectivestudents/study)

General Conditions apply (see page 8).

Matriculation Course (Standard) outline also applies (see page 11).

#### Conditions

As per MATSEC regulations, candidates who sit for three subjects at AM level shall be entitled to have one of the results of these subjects considered as substitute for one of the IM level subjects as outlined under 'Choice of Subjects'. In such cases, the subject that is substituted shall be considered as IM level pass, grade for grade, for the purpose of calculating the number of points. Candidates shall be required to inform the MATSEC Board in writing which subject they wish to be substituted.

Applications will only be accepted until 8 August.



Full course details are available online at

**✓** jc.um.edu.mt/study/programmes/matriculationcourseflexi

|                       | Offered to prospective students who would like to pursue their studies following completion of compulsory education at the time of application, to obtain their Matriculation Certificate.  |  |
|-----------------------|---|--|
| Objectives            | This programme gives students the additional benefit of spreading their studies <b>over a maximum period of four years</b> , for a variety of reasons, including, but not limited to, humanitarian reasons, essential commitments (e.g. sport), disability, social origin/socio-economic reasons etc. |  |
| Entry<br>requirements | General entry requirements for Junior College apply (see page 7).   |  |
| Duration              | Up to four (4) years on a full-time basis   |  |
| Outline               | This course is in adherence to MATSEC syllabi and regulations.  |  |
|                       | Students must choose <b>six (6)</b> subjects, <b>two (2)</b> at Advanced Matriculation (AM) level, <b>three (3)</b> subjects at Intermediate Matriculation (IM) level and Systems of Knowledge (as a compulsory subject).   |  |
|                       | The choice of subjects should include at least one subject from each of Groups 1, 2 and 3.  The remaining two subjects may be chosen from any of the four groups  (refer to jc.um.edu.mt/prospectivestudents/study)   |  |
|                       | Depending on the choice of subjects and requirements, an <b>individual study progamme</b> (ISP) is drawn for each student.  |  |
| Conditions            | General Conditions apply (see page 8).  |  |
|                       | A letter of motivation is to be submitted at the time of application so that the ISP can be drawn up with the students and other professionals.   |  |

#### STUDY PROGRAMME FOR STUDENT ATHLETES

**MQF LEVEL 4** 



Full course details are available online at

✓ jc.um.edu.mt/study/programmes/forstudentathletes

#### Objective

Offers student athletes the possibility of obtaining their MATSEC Certification whilst maintaining their training programmes with a National Sport Federation/Association (NSFA) which is officially recognised by the Malta Olympic Committee and/or with the National Sports School (NSS).

**Option A:** aimed for national team athletes.

### Programme Streams

**Option B:** aimed for students who completed their compulsory education at the NSS and for national team athletes who would like to choose this option. This choice is not offered in all sport disciplines.

General entry requirements for Junior College apply (see page 7).

# Entry requirements

Student athletes following **Option A** must present a written endorsement from the respective NSFA that they form part of a national squad/team or potentially can be part of one within one year. This endorsement must be presented by **20 August**, and must be renewed at the beginning of each academic year.

Student athletes following **Option B** must present either a written endorsement from the NSS that they have the potential to continue training with the said school, or from the relevant NSFA (as in previous paragraph).

#### Duration

Two (2) years on a full-time basis

Matriculation Course (Standard) outline applies (see page 11).

Student athletes following  $\mathbf{Option} \ \mathbf{A}$  will have their timetables scheduled from Monday to Friday between 09:00 and 15:00. This is subject to availability.

#### Outline

Student athletes following **Option B** will have their timetables scheduled between 10:00 and 17:00 on Tuesday, Wednesday and Thursday, and between 08:00 and 17:00 on Monday and Friday. Training will be provided by NSS in conjunction with the respective NSFA between 07:45 and 09:30 on the days indicated above.

Student athletes are provided with Special Sports Exemptions allowing them to participate in training, events and/or competitions following a request from the respective NSFA.

Student athletes can bring their personal coach/trainer to JC provided they are officially recognised as such by the respective NSFA.

General Conditions apply (see page 8).

While the JC is responsible for the academic aspect of the programme, the respective NSFA or NSS is responsible for the training provided in the relevant disciplines.

#### **Conditions**

This study programme is only offered to students who join the study programme in the first year.

Additional information may be found online.

Applications will only be accepted until 8 August.

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#### STUDY PROGRAMME FOR MEDICINE AND SCIENCE ORIENTED STUDENTS

**MQF LEVEL 4** 



Full course details are available online at

#### ✓ jc.um.edu.mt/study/programmes/medicinescience

Aimed for science students who need to upgrade their MATSEC results in order to follow a course in Medicine and Surgery, Dentistry, Health Care or Science courses at UM.

#### Objective

The Study Programme is specifically aimed at helping such students improve their:

- grades at Advanced Matriculation (AM) level in Biology and/or Chemistry, as well as of subjects taken at Intermediate Matriculation (IM)
- scientific skills and analytical thought processes
- preparation to join one of the said courses.

General entry requirements for Junior College apply (see page 7).

# Entry requirements

Students are required to produce an official MATSEC result and/or a past MATSEC certificate to attest they already sat for Biology and/or Chemistry AM examinations.

Students, who did not sit for MATSEC examinations and wish to join the programme, must provide evidence that they have followed a full course in Biology and/or Chemistry in a recognised institution at AM level.

#### **Duration**

One (1) year on a full-time basis

The course in AM Biology and/or Chemistry will have a different structure from the one offered to students enrolled in the regular two-year course.

The material covered in this course presumes a level of competence in Biology and/or Chemistry equivalent to that expected at AM levels.

#### **Outline**

Each AM subject is scheduled to have eight (8) sessions per week. The programme is built around a variety of session types which include lectures, tutorials, studying skills and practical sessions.

The weekly practical sessions based on the entire syllabus aim to improve the skills and practical examination performance. These are intended to complement any practical coursework previously presented to MATSEC.

General Conditions apply (see page 8).

Students following this course may study up to **two (2)** subjects at AM level which must include Biology and/or Chemistry, as well as a maximum of **three (3)** IM level subjects of their choice and Systems of Knowledge (SOK).

#### **Conditions**

For the purpose of the AM Biology MATSEC examination, any coursework covered in another institution must be appropriately certified at source.

The programme for the IM level subjects and SOK assumes that the student is in possession of the body of knowledge that is normally acquired during the first-year programme of studies at JC, as students will join second-year JC students taking the same subjects.

Students are expected to attend all timetabled sessions. Students who do not attend all sessions regularly, will not be allowed to pursue the programme.

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#### **STUDY PROGRAMME FOR 18+ STUDENTS**

**MQF LEVEL 4** 



Full course details are available online at

✓ jc.um.edu.mt/study/programmes/for18plusstudents

#### Objective

Offered to prospective students who at the time of application are at least 18 years of age or who turn 18 by the end of December (henceforth referred to as **18+ students**) with the possibility of studying one or more subjects at Advanced level (AM) and/or Intermediate Matriculation (IM) level according to their needs.

Prospective 18+ students enrolling in this programme must be in possession of at least three (3) passes in the Secondary Education Certificate (SEC) Examination or when applicable, their equivalent at Grade 5 or better **OR** Level 3 (as awarded by MATSEC 2025 onwards). The subjects must include at least one of the following: English Language, Maltese and Mathematics.

### Entry requirements

Applicants who are 23 years old or will turn 23 by the time they finish the course (henceforth referred to **adult learners**) are exempted from presenting the entry requirements above. Ideally the adult learner is in possession of a SEC level pass in English or a Secure English Language Test (SELT) result, allowing the learner to follow the course with profit.

International applicants not in possession of SEC qualifications are to contact the International Admissions Office (intadmissions@um.edu.mt)

18+ applicants have the opportunity to join this linear study programme either as a first-year or as a second-year student in accordance to their needs:

#### Duration

- applicants choosing to start as first-years shall have a course duration of two (2) years on a full-time basis.
- applicants choosing to start as second-year students shall have a course duration of one (1) year on a full-time basis.

It is not possible to follow first and second-year classes simultaneously.

18+ applicants and adult learners may choose any one of the options offered:

#### Outline

Option A: Matriculation Course (Standard) aimed at obtaining the Matriculation Certificate in adherence to MATSEC regulations. Students are therefore allowed to choose a maximum of six (6) subjects, two (2) at Advanced Matriculation (AM) level, three (3) subjects at Intermediate Matriculation (IM) level and Systems of Knowledge. Matriculation Course (Standard) conditions apply (Page 11). >

**Option B: Matriculation Course (Extra)** aimed at obtaining the Matriculation Certificate in adherence to MATSEC regulations. Students are therefore allowed to choose a maximum of **six (6)** subjects, **three (3)** at AM level, **two (2)** subjects at IM level and Systems of Knowledge. Matriculation Course (Standard) conditions apply (Page 11).

**Option C:** My Choice Study Scheme allows learners to take up any number of subjects of their choice for a maximum of five (5).

General Conditions apply (see page 8).

The material covered in these study programmes presumes a SEC level of competence (if available) in the subject chosen.

Applicants opting to start the programme as second-year students, are presumed to possess knowledge of the material covered in first-year at JC. Such students shall be joining second-year groups. Projects required by MATSEC that are typically covered/completed in first-year at JC will not be offered in second-year. It is the responsibility of the applicant to fulfil such requirements. Prior promotion to the second year from JC or any other educational institution is not required.

In the case of **Option B**, the registration period for this study programme is limited to the **main application period only**. Prospective students should be guided by current application dates.

#### **Conditions**

Students will be able to sit for the MATSEC examinations at the end of the respective programme.

Prospective adult learners, who would like to present the Recognition of Prior Learning (RPL), are to contact the UM Students Advisory Services in order to start the RPL process and identify the learning outcomes achieved through prior certified and experiential learning. Applicants are advised to start this process eight (8) months ahead of the deadline for submission of applications.

Prospective adult learners, who do not hold the entry requirements, may be called in for a selection interview to assess better the qualifications, the choice of subjects and to ensure that they can follow the course with profit.

Applicants should be aware that in order to study Mathematics, English and Maltese at either Advanced or Intermediate level, they must be in possession of a pass in the subject at SEC level or equivalent. Adult learners should also be aware that for certain UM courses, special requirements may apply. >

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18+ applicants who intend to enrol at UM after completing their studies at JC and do not qualify as adult learners, must be aware that a SEC pass or equivalent in Maltese, Mathematics and English Language is required in addition to the Matriculation Certificate to complete registration with UM.

Students may request to be exempted from studying a subject if they are already in possession of a pass in the subject but cannot replace it with another subject.

Whilst every effort will be made to ensure that prospective students can choose any combination of subjects, the Junior College reserves the right not to offer a particular combination of subjects if the number of applicants does not justify it or if logistics and timetable arrangements do not permit it.

No changes to the timetable will be allowed once this is set at the beginning of the year.

All Junior College students are entitled to use the facilities available on the College Campus normally free of charge. Normally facilities need to be booked in advance and are available on a first-come-first-served basis.

Students must commit themselves to their programme of studies and attend all sessions.



#### **CHOOSING YOUR SUBJECTS**

The College prides itself in offering the widest possible variety of options. The following guidelines should help you choose your subjects wisely:

| Group 1   | Group 2  | Group 3   | Group 4   |
|---|--|---|---|
| Arabic English French German Greek Italian Latin Il-Malti Spanish | Accounting  Classical Studies¹  Economics²  Geography  History  Marketing  Philosophy  Psychology¹  Religious Knowledge  Sociology | Applied Mathematics (Mechanics) <sup>1</sup> Biology Chemistry Computing <sup>3</sup> Environmental Science <sup>1,2</sup> Physics Pure Mathematics | Art  Graphical Communication <sup>4</sup> Engineering Drawing and Graphical Communication <sup>1,4</sup> Home Economics and Human Ecology  Information Technology <sup>3</sup> Music  Physical Education <sup>1</sup> Theatre and Performance |

<sup>&</sup>lt;sup>1</sup> offered by MATSEC at Intermediate level only



Full details are available online at

√ jc.um.edu.mt/subjects/all

<sup>&</sup>lt;sup>2</sup> Environmental Science may not be taken with Biology, Chemistry or Physics.

<sup>&</sup>lt;sup>3</sup> Computing may not be taken with Information Technology.

<sup>&</sup>lt;sup>4</sup> Engineering Drawing may not be taken with Graphical Communication. MATSEC offers Graphical Communication at Advanced level only.

#### Studying at Junior College — Continued

 You are strongly advised to consult the relevant MATSEC syllabus available at um.edu.mt/matsec to know more about a particular subject.



- For the Matriculation Certificate, you are required to study Systems of Knowledge, which is a compulsory subject, together with two subjects at Advanced level and three subjects at Intermediate level.
- The choice of subjects should include **at least one subject** from each of Groups 1, 2 and 3. The other two subjects may be chosen from any of the four groups (refer to table on page 21).
- You are advised to identify your areas of strength and interest and to choose the subjects that match these strengths
  and interests.
- Should you intend to continue studying at a higher level, you are to ensure that your choice of subjects matches
  the requirements.
- Some UM courses may require specific subjects as entry requirements, but there are University courses which do
  not have special course requirements. The full list of courses, including those having special course requirements,
  is available at um.edu.mt/sas/scr
- Whilst every effort will be made to ensure that prospective students can choose any combination of subjects,
   the JC reserves the right **not** to offer a particular subject if the number of applicants does not justify it or if logistics and timetable arrangements do not permit it.
- Students who study a combination of subjects which do not conform with regulations of the Matriculation Certificate and UM entry requirements, cannot hold the JC responsible for their choice and level of subjects in view of their ineligibility to enrol with UM.

#### **HELPING YOU TO CHOOSE**

At JC you can study any of the subjects offered by MATSEC. In the case of subjects which have a corresponding SEC syllabus/examination, your lecturers will assume that in choosing the subject, you have at least a pass in the subject at SEC level. When making your choice of subjects, you should take this into account in order to follow the study programme of your choice and stand to benefit from it.

For those subjects which are offered at MATSEC level, but are not offered at SEC level, this is taken into account during teaching. The exception to this choice are the core subjects – English Language, Maltese and Mathematics. In order to choose any of these subjects, you need to have a pass in them.

Before choosing your subjects, you are strongly advised to read information about individual subjects, available at jc.um.edu.mt/subjects/all

The College offers career guidance services to prospective students who require further clarification about their choice of subjects and study programmes. Student Advisors can provide further details about courses offered at UM, according to the subjects being considered. If you would like to avail yourself of this service, you are to book an appointment via **ic.um.edu.mt/studentadvisor** or contact us by email at **advisory.ic@um.edu.mt** 

Career advice sessions are held either at JC or online.

It is recommended that your parents/guardians attend the sessions with you.

#### MATRICULATION EXAMINATION REGULATIONS

The full regulations can be accessed on the MATSEC website at: um.edu.mt/matsec/regulations/mc\_regulations

#### **HOW TO APPLY**

Applications for all study programmes can be made online at **jc.um.edu.mt/apply**. When you apply, you will receive an automated email reply as proof of receipt of your application. This is not a confirmation that you have been accepted as a JC student, but that you submitted your application. You are to keep the automated email once you receive it, in case you need to refer to it later on.

Main applications will be accepted online from Monday 28 July to Friday 8 August until 14:00 against a fee of €23.30.

Late applications will be accepted online from Wednesday 13 August to Friday 22 August until 14:00 against a fee of €46.60.

Very late applications will be accepted online from Monday 1 September to Friday 17 October until 14:00 against a fee of €116.50.

Late and very late applications are **not** applicable to all study programmes. Applicants are to refer to the relevant programme descriptions.

You will **only** be admitted to the College during the admission dates indicated. It is important to note that the College has a strict policy regarding stipulated deadlines.

Junior College students who wish to restart the first or second year are to visit the College website at **jc.um.edu.mt** for more information.

An application fee is to be paid when applying and is non-refundable.

#### ON BEING ACCEPTED AS A JUNIOR COLLEGE STUDENT

Once your application has been evaluated, and it is confirmed that the required criteria have been met, you will receive a notification of acceptance. Before being registered as a regular student, you will be requested to pay €24 as Caution Money by credit card, as confirmation that you intend to attend the College.

If you do not pay the Caution Money within the stipulated time frame, you will automatically be considered to have "withdrawn" your application. Should you wish to reactivate your application, you would be required to pay the difference in application rate and relevant late application fee.

Applicants who are accepted as College students, but do not attend sessions regularly by the end of October, will automatically be considered to have withdrawn.

#### CAUTION MONEY

The Caution Money is intended to cover all or part of the total cost in the case that a student causes any damage or loss to equipment or property intentionally or accidentally. However, it will be forfeited in case of the these circumstances. You will not be allowed to continue with your study programme if the full payment is not settled.

The Caution Money will be refunded after you complete the **full** study programme at the College.

#### **TIMETABLES**

The Student Services Office will inform you by email once your timetable is available. You are to check the departmental webpages on the JC website to access your timetable. Should you have any clashes in the timetable or have any difficulty with your timetable, you are to immediately contact the Office of the Principal at **principal.jc@um.edu.mt** 

Should you have more than six (6) consecutive sessions, you are to contact the Office of the Principal by **not later than Friday** 10 October 2025.

It is important to note that sessions are held between Monday and Friday between 08:00 and 17:00. The End-of-Year examination sessions can be held any other time, including on Saturdays.

#### **REQUEST FOR CHANGE OF SUBJECT/S**

It is possible for you to request a change of subject by the last Friday of October. Approval is subject to administrative constraints, while in the case of second-year students, the endorsement of the respective Subject Coordinator is required.

After this date, you may still submit a request for consideration for a change of subjects, by **not** later than the last Friday of November. No more changes will be allowed afterwards.

It is your responsibility to ensure that the changes requested fulfil the requirements of the MATSEC Certificate.

Students requesting a change of subject/s, are expected to make up for and take full responsibility for the subject matter/ projects/practicals and other educational experiences covered at Junior College during the first year or since the start of the academic year.

You are to fill in the 'Change of Subjects Form' which is available at

#### jc.um.edu.mt/services/studentservicesoffice/requestforchangeofsubjects

Requests are to be submitted at the SSO. An administration fee of €12.00 is applicable.

It is assumed that when a request for a change of subject is made, you have **not** already obtained a pass in the subject being changed.





#### MENTORED STUDY CLASSES (PREPARATORY CLASSES)

In accordance with the entry requirements to JC, students who are not in possession of any 2 of the core subjects (English, Maltese, Mathematics) need to attend mentored study classes. **Attendance for these sessions is compulsory.** 

Sessions for the core subjects are included in the timetable, and such students will be informed individually when these sessions will be held. These sessions are usually held on Wednesdays at 14:00.

#### REQUEST TO BE EXEMPTED FROM STUDYING SUBJECTS

Students, who are in possession of a pass in any subject/s at MATSEC level, are eligible to be exempted from studying the subject/s during their time at the College. Students are to fill in the 'Request to be exempted from Studying Subject/s' form which is available at um.edu.mt/l/ZmPAH. The form must be presented at the SSO, together with the original result slip/certificate and its photocopy. Requests may be accepted throughout the year. An administration fee of €12.00 is applicable.

Students cannot request to take another subject instead.

#### **ACCESS ARRANGEMENTS**

The Junior College strives to support all students, especially those with a disability, or learning difficulty, or who require special arrangements.

Students with a chronic medical condition, a disability, or require special arrangements, are strongly advised to inform the College Administration in writing, at the beginning of the year or as soon as the case arises. In such circumstances, a certificate from a specialist/consultant is required. This information will be treated in the strictest confidence, and will be shared only with staff on a need-to-know basis.

The College Administration liaises with the ACCESS-Disability Support Unit (ADSU) of the University of Malta to ensure that students avail themselves of all the appropriate and permitted support.

Access arrangements are made to enable students with disability to start, follow and complete a programme of study successfully. Access arrangements may include a time extension for programme completion, as some students cannot, or prefer not to follow a programme in the same time frame as their peers but may require a longer period of time.

Students who require access arrangements are to contact the SSO at the beginning of the academic year or when the need arises on 2590 7489 or send an email to **inclusion.jc@um.edu.mt** 

**Note:** Students who require access arrangements during MATSEC examinations are to make sure they make their request at the time of application for said examinations.

#### STUDENTS WHO ARE STILL MINORS

If you are under 18 years of age, you must have at least one parent/guardian residing in Malta, and you will need to provide the College with the details of your legal guardian/s. The College may request evidence of this should the need arise to be able to communicate officially with your guardian/s.

#### **NEXT OF KIN**

You are to give a contact number of one or two persons considered as next of kin. Next of kin include, but are not limited to, legal guardian/s. This information will be used to notify next of kin in case of an emergency.

#### STUDENTS' SAFEGUARDS

"11 (4) Where the Admissions Board has reason to believe that the presence of an applicant within the University community could present a clear and present danger to the wellbeing and safety of students and staff, or a significant risk that their safety be imperilled, or that activities on campus be disrupted, the Board shall on the basis of available evidence have the option to refuse admission, or to grant admission subject to appropriate safeguards which shall be decided upon on an ad hoc basis, or to delay admission until expert advice is obtained. For the avoidance of doubt, evidence could also take the form of expert advice documented in a sworn affidavit."

(Extract from the Admissions Regulations, 2016, available at um.edu.mt/l/PonUV)

Your wellbeing and safety, as well as that of those around you is of utmost importance to the College. For this reason **only**, at application stage, you will be required to disclose your legal and medical situation – that you are not subject to an active police or criminal investigation in any country; you have not been convicted of a criminal offence in any country; and you have not been diagnosed by a professional of being a danger to others.

This information will be treated confidentially; it will be processed solely for purposes related to your health, safety, access, and participation in educational or co-curricular activities; and will only be disclosed to relevant staff members or medical professionals in cases of emergency or where it is deemed necessary for your care, and for the care of members of the College Community.

#### RESTARTING A PROGRAMME AT JUNIOR COLLEGE

College students who do not qualify to proceed with their studies from their first to their second year, may restart the study programme they were following, or start a new programme. Such students are required to fill in the 'Confirmation to Restart' form online. Instructions related to this application will be sent later with the 'End-of-Year Academic Report'.

The students' general performance and attendance during the previous year/s will be taken into consideration at application stage. Students may not be allowed to restart a year or a new programme, if it is felt that, based on their track record and qualifications, it would not be beneficial to them.

First-year students who are promoted to second year need not apply to join the second year as they are registered automatically.

Applicants who attended the Junior College the previous year and would like to restart their study programme, are exempt from paying the relevant registration fee.

#### WITHDRAWAL FROM STUDY PROGRAMME

Students, who need to withdraw from their study programme, are to download the Withdrawal Request Form from the

#### Studying at Junior College — Continued

Junior College website (jc.um.edu.mt/students/forms). The form should be duly filled in, signed by both the student as well as their parent/guardian and presented to the SSO.

The Student Wellbeing and Support Committee (SWSC) shall call the student to assess and evaluate the request. The student is normally expected to continue attending sessions until the SWSC considers the request and makes its recommendation. This will be communicated to the student within eight (8) working days.

Students who withdraw, can restart Junior College in future, provided they are eligible.

#### PERSONAL EDUCATIONAL RESOURCES

In order to make the best of the educational experience offered, students are encouraged to invest in the following:

| Books:             | it is advisable that you consult the College booklist. If you find an older edition of a text book, consult with your tutors before you acquire it to check if it is valid.                     |
|--------------------|---|
| Computer hardware: | having a personal computer, although not necessary, may prove useful at this level of learning.  A camera, microphone, and access to printing and scanning facilities should also be available. |
| Other items:       | depending on the nature and demands of the different subjects chosen, students may be required to get other resources.  |

Students who may have difficulty in acquiring such resources due to financial constraints are invited to approach a member of staff of the JC4Others Committee on **4others.jc@um.edu.mt**. All matters and correspondence will be kept confidential.

#### INTERNATIONAL STUDENTS

The Junior College has a growing community of international students enrolled in the different study programmes. The College firmly believes in creating a welcoming environment where every student can integrate with ease and feel included. This enriches the educational experience for all.

International students are to contact the Student Services Office in case of any difficulty.

#### STIPENDS AND GRANTS

Stipends and Grants fall under the responsibility of the Students' Maintenance Grants' Board. It operates under the Ministry for Education, Sport, Youth, Research and Innovation.

Stipends and grants are offered by the Government of Malta to encourage and support students who are furthering full-time studies at Post-Secondary, Vocational or Tertiary level of education.

Eligibility for the Students' Maintenance Grants Scheme is determined according to a set of regulations outlined in the relevant Legal Notices, particularly Subsidiary Legislation 605.06.

For more information about Stipends and Grants, you are encouraged to visit the website: stipendsandgrants.gov.mt



# Enrichment Programme



In line with its mission statement, the College offers a whole range of activities, programmes and initiatives, collectively referred to as the Enrichment Programme (EP).

The EP is planned and structured in a way to ensure that specific outcomes and criteria are attained. The EP complements your formal study programme, and participation is completely voluntary. You join in on what you are passionate about!

The EP covers a vast number of areas, including:

- active citizenship
- activity and wellbeing
- additional languages

- communication and critical thinking
- creativity and culture
- international projects

- science and technology
- · service and community
- training and performance

Ultimately, the EP is all about boosting your skills and interests beyond your regular subjects.

#### ADDITIONAL ADVANTAGES OF PARTICIPATING IN THE EP

- Successful participation will be officially recorded in your final Junior College Study Programme Report.
- Marks gained by participation will be used for the purpose of promotion to second year.
- Participation may be valid for the purpose of the Systems of Knowledge project following approval from your tutor.

#### **EP UNITS ON OFFER**

The EP is composed of a variety of EP Units (EPUs), all of which are carried out under the supervision of an EP Coordinator appointed by JC. Only units approved by the College Administration are considered as part of the EP.

You will find more information and a complete list of EPUs on the College website at

#### ic.um.edu.mt/ourservices/enrichmentprogramme/allepunits

In addition, more information about this programme can be sought during *Hello Freshers!*, which is held during the first week of the academic year.

The College holds other activities and initiatives which you are encouraged to participate in, but these **are not** considered as part of the EP.

#### EARNING MARKS THROUGH THE EP

Each EPU has a description, which includes the maximum number of marks that may be obtained by participating for the purpose of promotion to second year.

The marks allocated are **not** automatically earned. **You will need to take an active role and attend a minimum of 50% of the allocated time to start earning marks.** 

Five (5) marks may be gained for every ten (10) hours of participation in a specific EPU up to a maximum of thirty (30) marks over a year. These marks will be added to the total number of marks obtained from each subject you study, for the purpose of promotion.

#### WHEN ARE EPUS HELD?

There is no set time when the EPUs are offered, however EPU sessions are usually held at the College and during the day, very often on Wednesdays at 14:00. Some units may involve travelling abroad, visits or meetings that need to be held during other hours.

#### **REGISTRATION FOR EPUS**

You need to formally register in advance through the JC website, and you will be informed how and when to apply through eSIMS.

In certain cases, a registration fee or other costs **may** be involved to cover participation.

#### ADDITIONAL LANGUAGE EP UNITS

You may choose to study an additional language at Intermediate level over and above the six subjects required for the Matriculation Certificate. This option offers the same advantages of the EP. Each language is presented as Part I and Part II. Each part is spread over one academic year. The second part may be taken only if Part I is completed. If students wish to continue with the additional language during their second year, they must register before starting their second year of studies.

First-year students taking these units shall also benefit from 30 marks gained by participation, which may be used for the purpose of promotion to second year.

The Additional Language Units\* are based on the MATSEC Intermediate Level Syllabus which will allow the students to sit for the examination at the end of their two-year course, if they wish.

This option is only offered if a minimum number of students enrol to study a specific language. Lectures are normally held on Wednesday at 14:00. More information is available online **jc.um.edu.mt/study/programmes/additionallanguageoption** 

\*Note that Chinese for Beginners is another additional language EPU, but to date, there is no MATSEC examination available.

# **Profile of Subjects**

#### **GLOSSARY OF TERMS**

While reading about the subjects in the prospectus, you will come across a number of terms which we invite you to be familiar with as they are beneficial to your studies:

When a grade at SEC level is **recommended**, it means that while it is not compulsory for you to have that grade, it is still ideal that you do.

A pass in a subject: as from 2025, this means obtaining a level 3 or a Grade 5 or better at SEC level, or the equivalent.

A session is a scheduled time slot in your timetable, such as a lecture, tutorial, seminar etc.

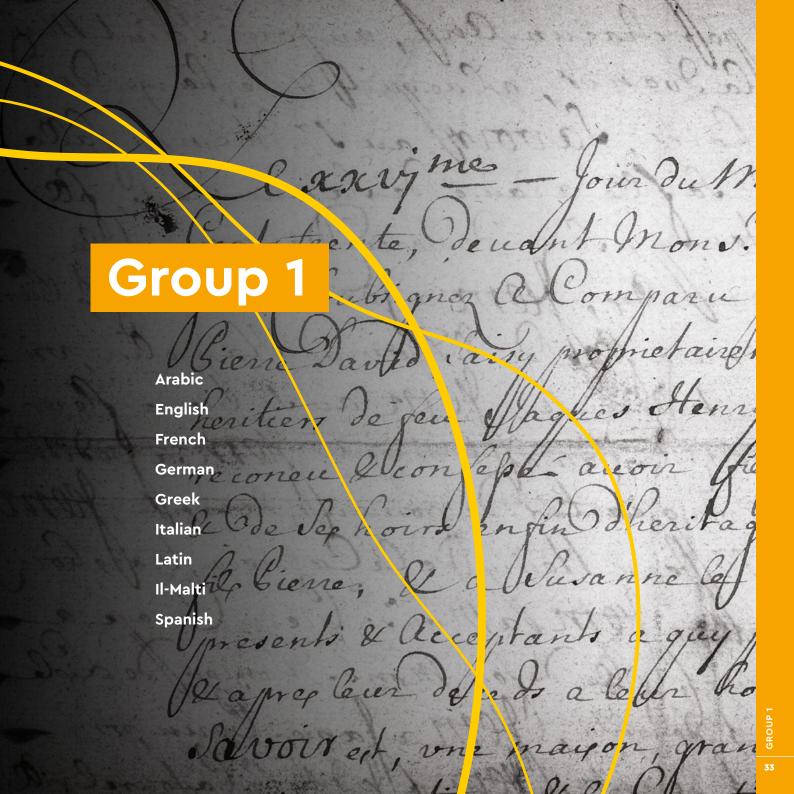
A lecture takes place with a whole group of students, and is intended to present knowledge on a topic or a particular subject.

A **seminar** takes place in smaller groups, where information can be exchanged, questions can be raised and discussions can be held.

A **tutorial** takes place in a very small group, in which the tutor gives you individual attention in assigned work, and you will be able to ask questions.

A **practical session** is a hands-on session held in a laboratory, art room or other specialised rooms, usually spanning over two hours.

A **personal contact hour** takes place when a lecturer meets you individually, or in very small groups, to guide and help you in the course of your studies. Ideally, you should ask for an appointment with your lecturers for a contact hour.



#### **GROUP 1**

## **Arabic**

Arabic is a key Semitic language spoken by some 150 million people throughout the Middle East and North Africa. Arabic has influenced many other languages and cultures around the globe throughout its history, and is one of the official languages of the United Nations.

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- Room C315
- √ jc.um.edu.mt/foreignlanguages

#### ADVANCED LEVEL

The Advanced course in Arabic aims at consolidating and extending the language skills and knowledge acquired at SEC level.

When studying this subject you will be taught how to handle listening comprehensions and how to speak fluent Arabic on an array of topics, such as the contribution of youth to society, and the influence of the press. You will also be trained to be proficient in advanced Arabic grammar and vocabulary. Writing skills will also be put to practice by producing essays which develop creativity in relation to different topics. You will also be trained to show ability in reading unpointed Arabic and in supplying all vowel marks on unpointed Arabic text. In addition, you will be studying Arabic civilisation and literature.

A pass in the subject highly recommended



LECTURES PER WEEK



TUTORIALS PER WEEK 1 hour



SEMINARS PER WEEK

1 hour

#### INTERMEDIATE LEVEL

The Intermediate course in Arabic aims at consolidating and extending the language skills and knowledge acquired at SEC level.

This course focuses mainly on the communicative nature of the language (i.e. the four language skills), but it also includes some translation tasks. If you follow this course you shall be prepared to use Arabic for practical purposes. However, the course also teaches you to cultivate an interest in contemporary Arabic culture.

A pass in the subject highly recommended



LECTURES PER WEEK



# **English**

Studying English will enhance your knowledge, understanding and appreciation of language. It is both challenging and fun, as it encourages you to express yourself, to be creative and imaginative and to explore some of the greatest works in literature.

You will also have the opportunity of participating in a number of extracurricular activities organised by the department.

A good command of the English language is required at this stage, as all the lectures, assignments and background reading are in English.

**Note:** students who do not have a pass at SEC level (or equivalent) in English Language cannot study the subject at Advanced/Intermediate level.

#### SUBJECT COORDINATOR

- Dr Patricia Vella Briffa
- Room D318
- √ jc.um.edu.mt/english
- /englishatjc

#### **ADVANCED LEVEL**

English at Advanced level deepens your knowledge and understanding of English literature and further develops your language skills.

You will study a Shakespeare play, a selection of poems by Seamus Heaney, two novels and linguistics and also practise the skills necessary for literary criticism, essay and summary writing. You will also engage in reading, writing and speaking activities in preparation for all the components in the examination.

English at Advanced level encourages you to be creative and critical and to foster an ever-growing interest in literature. More importantly, it gives you the skills that are necessary to continue your studies at a higher level.

- A pass in English required
- A good pass in the subject recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

1 hours



SEMINARS PER WEEK

2 hours

English at Intermediate level helps you to consolidate your knowledge of English language skills, including reading, writing and summary skills. You will also read and study a collection of short stories and learn how to discuss and write your response to these stories.

English at Intermediate level also caters for reading, writing and speaking activities in preparation for all the components in the examination.

Intermediate Level English equips you with the communication skills for better study and career prospects.

#### ▶ A good pass in English required





## **French**

Bonjour! Merci. Au revoir. Who has never heard these words at least once in their lives? French is the second most widely learned language, and the sixth most widely spoken language in the world.

Being able to speak French is an asset for employment and for higher studies, especially in the scientific field. French is also both a working and an official language of high-ranking institutions such as the European Union, the International Red Cross and *Médecins Sans Frontières* (Doctors Without Borders). Being an analytical language, French helps structure thought and develop critical thinking, important skills in discussions and presentations.

Moreover, studying French will bring you in closer contact with gastronomy, sports, art and literature. French is also, after all, the language of love!

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- Room C315
- √ jc.um.edu.mt/foreignlanguages

#### **ADVANCED LEVEL**

The Advanced course in French aims at consolidating and extending the language skills and knowledge acquired at SEC level.

During this course, the four language skills are developed, namely, speaking, listening, reading and writing. You will be introduced to a variety of cultural aspects so as to give you a more practical, contextual framework to the language.

Moreover, you will study three integral literary texts in French to expose you to literature and to encourage you to appreciate literary works while adopting a critical view. These books, other texts studied during comprehensions and various writing tasks will enhance your creativity and help you reflect on life and society at large.

A pass in the subject highly recommended



LECTURES PER WEEK

5 hours



The Intermediate course in French aims at consolidating and extending the language skills and knowledge acquired at SEC level.

In this course, you will be helped to communicate confidently both orally and in writing. Reading and proper pronunciation will also be consolidated.

Various cultural aspects about France and its people will also be presented so as to provide you with a more solid framework for the language. You will be studying *Oscar et la Dame Rose*, a literary work by Éric-Emmanuel Schmitt, to help you appreciate an integral French literary text.

A pass in the subject highly recommended





## German

German is the native language of over 100 million persons in the European Union, making it the most widely spoken mother language in the EU. Germany has the largest population in the EU and has a strong economy.

Malta and Germany have long been trading-partners, and thousands of Germanspeaking tourists visit the Maltese islands every year. Moreover, a considerable number of German businesses operate from Malta, underlining the importance of furthering the study of the German language at Advanced and Intermediate levels.

Learning German will give you the cutting edge above other learners in many different fields.

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- Room C315
- √ jc.um.edu.mt/foreignlanguages

#### ADVANCED LEVEL

The Advanced course in German aims at consolidating and extending the language skills and knowledge acquired at SEC level.

This course aims at promoting and enriching the four language skills you would have acquired at SEC level equally. Emphasis is also laid on creative writing and communicative tasks, both written and oral, together with a consolidation of grammar and structures. Furthermore, you will cover cultural topics (*Landeskunde*) which aim at broadening your general knowledge about Germany, including its modern history, traditions, school system and important personalities for the German language. At this level, there is a literary component where you will be required to study one literary text.

A pass in the subject highly recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

1 hour



SEMINARS PER WEEK

1 hour

# 2 hours

LECTURES PER WEEK

#### INTERMEDIATE LEVEL

The Intermediate course in German aims at consolidating and extending the language skills and knowledge acquired at SEC level.

You will be practising and consolidating the four language skills throughout the course of studies, with an emphasis on communicative tasks. You will be presented with a selection of cultural topics aimed at acquainting you with knowledge about Germany, including its history, economy, feasts and traditions.

A pass in the subject highly recommended



## Greek

The study of Greek will help you discover its fundamental role and defining contribution in the development and establishment of European and world literacy and culture. It is an intellectually stimulating language and as a student of Greek, you will be given an understanding of the culture and civilisation of Ancient Greece.

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- Room C315
- √ jc.um.edu.mt/foreignlanguages

#### ADVANCED LEVEL

The Advanced course in Greek aims at consolidating and extending the language skills and knowledge acquired at SEC level.

Greek at Advanced level is a thorough study of the language in all its various forms, from grammar to literature. At this level, you will be introduced to Classical Greek. The course is designed to give you a thorough grounding in grammar and syntax up to the point where you can understand and translate passages of Greek literature into English and vice-versa. The second half of the course deals with two monumental works of Greek literature, Herodotus and Homer. This shall involve a close reading of parts of these texts and a discussion of the contexts in which they were composed.

A pass in the subject highly recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

1 hour



SEMINARS PER WEEK

1 hour

The Intermediate course in Greek aims at consolidating and extending the language skills and knowledge acquired at SEC level.

Greek at Intermediate level will help you familiarise yourself with some of the classical works of Greek literature. This course is designed to give you a good grounding in Greek grammar and syntax so that you can read and interpret selected passages from chosen ancient texts with confidence. You will have the opportunity to study some of the main authors of Greek literature against their social and historical background; and an effort will be made to help you relate them to modern issues and problems.

A pass in the subject highly recommended





# GROUP 1 Italian

Italian is considered to be one of the most important foreign languages in Malta both for geographical and cultural reasons. This course lays a strong emphasis on written and spoken language and integrates as well as an important literary component. With the increasing number of Italians living in Malta and so many businesses and enterprises opening their doors in our country, studying Italian has become a must.

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- Room C315
- √ jc.um.edu.mt/foreignlanguages

#### ADVANCED LEVEL

The Advanced course in Italian aims at consolidating and extending the language skills and knowledge acquired at SEC level.

This course aims at developing your comprehension and communication skills in Italian. For this purpose, you will be encouraged to use Italian at all times. You will be introduced to various authors covering the period from the Middle Ages to modern times.

Reading, especially contemporary authors, will provide you with skills for conversation, discussion and essay writing. Some lectures will be accompanied by audio-visual material.

You will have two language seminars per week during which you will practise grammar skills while being exposed to contemporary texts. During the language sessions, you will be provided with ample practice in the aural skills of Italian.

A pass in the subject highly recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

1 hour



SEMINARS PER WEEK

2 hours

The Intermediate course in Italian aims at consolidating and extending the language skills and knowledge acquired at SEC level.

The Intermediate level course, although not as detailed as the Advanced level course, aims at developing your comprehension and communication skills in Italian. You will also be introduced to an important author, Carlo Cassola, and you are encouraged to discuss themes from his novel.

Though there are no formal lectures on culture, you will be guided on each of the culture topics that are mentioned in the syllabus. Hence you would be able to choose a particular topic according to your abilities and characteristics.

During the two weekly language lessons, you will be able to practise your grammar skills and get acquainted with contemporary texts. The language sessions will provide ample practice in the aural skills of Italian.

A pass in the subject highly recommended





## Latin

Latin provides the key to the Romance languages, Spanish, French, Italian, etc. Latin is the universal language of western civilization and will provide the blueprint for any language you may be learning later on in life. Studying Latin will also provide you with further language skills and will allow you to engage in interesting discussions about the culture and civilisation of Classical Rome.

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- Room C315
- √ jc.um.edu.mt/foreignlanguages

#### ADVANCED LEVEL

The Advanced course in Latin aims at consolidating and extending the language skills and knowledge acquired at SEC level.

Latin at Advanced level is a thorough study of the language in all its various forms, from grammar to literature. At this level, Latin will introduce you to the language of Ancient Rome. You will have the opportunity to study some of the giants of world literature including Virgil, Cicero, Horace and Livy. The course is designed to give you a thorough grounding in Latin grammar and syntax so you can understand and translate passages of Latin prose and verse into English and translate simple English prose into Latin.



LECTURES PER WEEK



TUTORIALS PER WEEK



SEMINARS PER WEEK

1 hour

A pass in the subject highly recommended

#### INTERMEDIATE LEVEL

The Intermediate course in Latin aims at consolidating and extending the language skills and knowledge acquired at SEC level.

This course will help you familiarise yourself with the language of Classical Rome through grammar, writing, reading and interpretation. You will also have the opportunity to study great authors like Virgil, Cicero and Livy. Ultimately, these texts will give you the skills of reading these authors in the original with a better understanding of the wonderful world and mind of Ancient Rome and its people.

A pass in the subject highly recommended



LECTURES PER WEEK

2 hours



## Il-Malti

Il-Malti huwa I-ilsien ewlieni ta' Malta li jagħtina I-identità. Barra minn hekk, il-Malti huwa I-ilsien li jintuża fil-ħajja ta' kuljum u f'oqsma differenti bħal-liġi, it-tagħlim, il-ġurnaliżmu, il-mediċina, I-arti u I-kultura, I-informatika, it-traduzzjoni, I-interpretar u I-midja soċjali.

L-istudenti li jagħżlu I-Malti jesploraw il-lingwa u I-letteratura Maltija. Il-letturi jgħinu lill-istudenti jtejbu I-ħiliet analitiċi, argumentattivi, kritiċi u espressivi tagħhom bil-Malti.

**Nota:** studenti li m'ghaddewx mill-Malti ĊES jew l-ekwivalenti, ma jistgħux jistudjaw il-Malti f'livell Avvanzat/Intermedju.

#### SUBJECT COORDINATOR

- Dr David Aloisio
- O Kamra C311
- √ jc.um.edu.mt/malti

#### **IL-LIVELL AVVANZAT**

F'dan il-livell l-istudenti jistudjaw poeżiji ta' żewġ poeti, ġabra ta' novelli, rumanz, u dramm. Huma jitħarrġu wkoll fil-kritika letterarja tal-poeżija u tal-proża. L-istudenti jissaħħu fil-ĥiliet tagħhom fil-lingwa mitkellma u miktuba. Barra minn hekk, jitħarrġu f'aspetti ewlenin tal-lingwistika Maltija.

- Jeħtieġ li tgħaddi mill-Malti ĊES
- Marka tajba rrakkomandata



LECTURES FIL-ĠIMGĦA 4 sigħat



TUTORIALS FIL-ĠIMGĦΑ sieαħa



SEMINARS FIL-ĠIMGĦA siegħa

#### **IL-LIVELL INTERMEDJU**

F'dan il-livell l-istudenti jitharrģu fil-kitba, fil-qari u fl-oral u f'aspetti ewlenin tallingwistika. Jistudjaw ukoll ġabra ta' poežiji u rumanz.

- Jeħtieġ li tgħaddi mill-Malti ĊES
- Marka tajba rrakkomandata



LECTURES FIL-ĠIMG村A sagħtein



# **Spanish**

At present, there are approximately 470 million native-Spanish speakers across the five continents. Learning Spanish will open doors to many opportunities... you will not only be learning a new language but you will gain exposure to a variety of cultures, countries and their people. Spanish, or *castellano* as it is also referred to, originated from Latin and has been evolving during the centuries to accommodate the needs of an ever-growing community which has, throughout the years, increased its importance in the economic, political and literary world.

#### SUBJECT COORDINATOR

- Ms Antoinette Zammit Bugeja
- O Room C315
- √ jc.um.edu.mt/foreignlanguages

#### ADVANCED LEVEL

The Advanced course in Spanish aims at consolidating and extending the language skills and knowledge acquired at SEC level.

Advanced level Spanish aims at developing the four language skills, namely, speaking, listening, reading and writing. Lectures and tutorials provide activities that will assist you to understand standard spoken and written language, to speak fluently and spontaneously, to consolidate grammar, to widen vocabulary and to write accurately. A cultural component aimed at broadening your knowledge about Spain and Spanish-speaking countries, is included.

At this level, you are required to study two literary texts in depth to be able to develop essays discussing an array of themes related to the text and its author.

A pass in the subject highly recommended



LECTURES PER WEEK



The Intermediate course in Spanish aims at consolidating and extending the language skills and knowledge acquired at SEC level.

Lectures will provide the students with a wide variety of activities which will allow them to practice the language and its four skills namely speaking, listening, reading and writing. These activities also aim at consolidating previous knowledge and introduce new content.

You will also be exposed to different aspects of the society and culture of Spain and Spanish-speaking countries.

The course includes either a literature component (the study of one literary text in depth) OR a cultural component (a variety of topics related to the Hispanic world are studied in detail).

A pass in the subject highly recommended









## Accounting

Accounting is a key business subject owing to its practical implications for all organisations, whether profit-making or not. This is because all organisations deal with recording transactions, budgeting and decision-making. Accounting also provides knowledge and skills which are essential for individuals to function independently in a scenario where personal financial needs and decisions are growing and becoming more complex. Studying accounting opens up several educational paths in higher education. Career opportunities for accounting students are plentiful as this is a growing profession attracting graduates to work in areas of finance, taxation, advisory, audit and assurance. Knowledge of accounting also provides financial literacy skills which assist individuals with financial decisions and needs, irrespective of their career path.

If you love to reason things out and enjoy working with numbers, consider taking up accounting as one of your subjects at Junior College.

#### SUBJECT COORDINATOR

- Ms Josephine Mallia
- Room D215
- □ acc-econ.jc@um.edu.mt

#### ADVANCED LEVEL

Your course will focus on Financial Accounting and Cost and Management Accounting (CMA). Financial Accounting focuses on the preparation of financial statements for different organisations in line with International Accounting Standards and regulations. The main areas of Cost and Management Accounting you will be covering are cost analysis and ascertainment, decision-making, planning and control. Second-year Advanced level students participate in a seminar focusing on contemporary issues in accounting which also provides the opportunity to meet accounting professionals.

A pass in the subject recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

#### INTERMEDIATE LEVEL

At Intermediate level, your course focuses on two principal areas: Financial Accounting, and Cost and Management Accounting. Financial Accounting, focuses mainly on preparation of financial statements for various users. Cost and Management Accounting topics provide the tools to assist management with planning and decision-making. Intermediate Accounting compliments different subject and career choices; such as professionals engaged in private practice, entrepreneurs, I.T. professionals, commercial lawyers, insurers, bankers and investment specialists, amongst others.



#### ▶ A pass in the subject recommended



## **Classical Studies**

#### OFFERED BY MATSEC AT INTERMEDIATE LEVEL ONLY

What is a Greek Hero? Who was Zeus and how is his rule of the universe different from that of God? Why was Julius Caesar assassinated? What is so special about Homer and his epic poem, *The Iliad*? What did a Greek man see when he went to the theatre? How did the Greeks paint their beautiful vases? These are the sorts of questions that as a student of Classical Studies, you will ask over the course of your studies.

You will be introduced to the world of Ancient Greece and Rome, from the intricacies of their political and military history and the vast landscape of their mythology to the very languages they used.

This syllabus provides you with a knowledge of the major aspects that made the world of Greece and Rome. It is conveniently divided into five sections, History, Language, Mythology, Literature, Art and Architecture to give you a broad perception of some of the most important features of the Classical age that have had a lasting influence on subsequent ages, including modern times.

Prior knowledge of subject not required

#### SUBJECT COORDINATOR

- Mr Jason Galea
- Room D406
- □ classicalstudies.jc@um.edu.mt



LECTURES PER WEEK

2 hours



# UP 2

#### **GROUP 2**

### **Economics**

Economics is a social science focusing on how to best allocate resources to enhance people's wellbeing. It involves decisions related to the production, consumption and distribution of goods and services.

Economics is divided into two main areas. **Microeconomics** is the study of individuals, households and firms' behaviour in the decision-making process. It generally applies to markets of goods and services and deals with specific economic issues. **Macroeconomics** studies the behaviour and performance of an economy as a whole. It focuses on the aggregate changes in the economy such as unemployment, growth rate, gross domestic product and inflation.

Studying Economics provides the necessary tools to enable understanding of how the world works and assists consumers to make more informed decisions. It also assists you, as an active citizen, to evaluate the impact of government decisions on employment, price stability, economic growth, welfare and standard of living. Besides acquiring an understanding of economic concepts which connect the world, studying Economics also develops key life skills such as self-expression, analysis, problem-solving, research skills and critical thinking.

Economics offers numerous opportunities for further education and employment. Economists research and monitor economic trends, create statistical models to predict future developments and provide solutions to specific problems. Other career paths for Economics students include stockbroking, insurance, business management, financial consultancy, public service, international affairs and policy making.

#### SUBJECT COORDINATOR

- Ms Josephine Mallia
- Room D215
- □ acc-econ.jc@um.edu.mt
- √ jc.um.edu.mt/acc-econ

#### ADVANCED LEVEL

By the end of the course, you shall acquire the skills to understand, analyse and interpret economic problems and issues. An informed understanding of economic principles shall assist you to possibly challenge taken for-granted notions about the world and the way it operates.

Prior knowledge of subject not required



LECTURES PER WEEK



TUTORIALS PER WEEK

1 hour



SEMINARS PER WEEK

Prior knowledge of subject not required

By the end of the course, you shall acquire a basic understanding of how an economy works, and become familiar with the basic tools that are used to analyse and interpret basic economic issues.



## Geography

Geography engages you to appreciate the interrelationships between physical processes and the social dimension of various issues across a range of scales and locations.

The study of geography takes a dynamic format where the subject is related to your experience. You will engage in discussions related to current affairs both locally and internationally. You are also encouraged to critically consider the different contexts you will be exploring as part of your studies, as a means to develop your sense of agency and role as an active global citizen.

#### SUBJECT COORDINATOR

- Dr Glorianne Borg Axisa
- Room C318
- geo-he.jc@um.edu.mt

#### **ADVANCED LEVEL**

At this level there is a strong emphasis on practical work, with a total of 28% of the examination marks devoted to field reports.

You will be guided to explore various skills including methods to collate, present and interpret primary data and secondary sources and to apply a range of fieldwork skills individually and in groups. During your first year of studies, you will start working on your individual project and report, so careful planning as well as strong commitment are essential. You will be guided in research methods.

▶ A pass in Geography or Environmental Studies recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

#### INTERMEDIATE LEVEL

At this level, you will explore the significance of values and attitudes to address global issues. As a prospective student, you are encouraged to read broadly and sustain your studies with background reading.

A pass in Geography or Environmental Studies recommended



LECTURES PER WEEK

ROUP ?



# **History**

History is the study of human beings in time, across time and in various places. It seeks to understand women and men in their settings in order to make sense of their lives and experiences. It is a versatile subject to be studied with an open mind for a better understanding of the present, while evaluating and appreciating the past.

You will be encouraged and trained to form your own opinions and express your views, while hearing and evaluating the opinions of others. You will have the opportunity to visit historical sites and also experience research at local archives.

#### SUBJECT COORDINATOR

- Mr Jason Galea
- Room D406
- √ jc.um.edu.mt/his-rel

#### **ADVANCED LEVEL**

At this level, you will focus on Maltese, Mediterranean, European and International History for the period between 1789 and 2004. The emphasis is on depth and analysis. The syllabus is characterised by a number of topics dealing with historical events that have shaped the modern world.

A pass in the subject recommended but not necessary



LECTURES PER WEEK



TUTORIALS PER WEEK

#### INTERMEDIATE LEVEL

At this level, you will cover aspects of Maltese and European history from 1789 to 1921. The themes dealt with will help you understand the core developments of the nineteenth century and early twentieth century. The emphasis here is on depth and understanding.

A pass in the subject recommended but not necessary



LECTURES PER WEEK



## **Marketing**

Marketing consists of a broad range of activities aimed at promoting products or services, attracting customers, and ultimately driving sales and profitability for a company. This is achieved through various strategies and techniques used to create, communicate, deliver and exchange offerings that have value for customers and society at large. It also involves understanding consumer behaviour, identifying target markets, and creating strategies to communicate value propositions effectively.

Throughout the course, students also get to hear from real-world marketing professionals working in different business sectors. These practitioners share their experiences and show students how marketing works in practice, giving a valuable inside look at the profession.

#### SUBJECT COORDINATOR

- Ms Theresa Hoban
- Room C307
- √ jc.um.edu.mt/marketing

#### **ADVANCED LEVEL**

At Advanced level, the subject involves understanding consumer behaviour, market research, branding, advertising, promotion, pricing, distribution, and other aspects of developing and managing products or services to meet the needs and wants of target audiences that create value.

In addition to the above, other areas of study include the marketing environment; Market segmentation and targeting; Global marketing; and Marketing ethics and society. The course provides you with an in-depth study of the subject with practical examples and application.

You will be given assignments, seminars and case studies for every topic.

Prior knowledge of subject not required



LECTURES PER WEEK

5 hours



TUTORIALS PER WEEK

At Intermediate level, the course provides you with an introduction to the subject with practical examples and application.

Although not as detailed as at Advanced level, class discussions will focus on the following areas: Creating and capturing customer value; Analysing the marketing environment; Customer insights; Buyer behaviour; Market segmentation and targeting; Product; Pricing; Distribution and Communications strategy.

You will be given assignments or tasks for each topic.

Prior knowledge of subject not required





# **Philosophy**

The goal of philosophy is to address the fundamental questions and problems that are connected to all areas of human concern. It deals with questions such as: Does life exist for a specific purpose? Are happiness and duty in conflict with each other? Are we as free as we think we are? Will machines eventually replace humans? Are human beings significantly different from other creatures?

The study of philosophy as a discipline invites you to consider, question and contemplate your life, your role in society, and your relation to others. It is a fascinating subject that helps you develop valuable skills in reasoning, problem-solving and communication; hence helping one to succeed in life.

#### SUBJECT COORDINATOR

- Ms Natasha Galea
- Room C305
- philosophy.jc@um.edu.mt
- √ jc.um.edu.mt/philosophy

#### **ADVANCED LEVEL**

At Advanced level, you are introduced to questions in the main areas of philosophy, including the study of knowledge, language, personal identity, and the study of being and reality. It also highlights the relationship between philosophy and other subjects such as history, the sciences, art, law, literature and many more.

- Prior knowledge of subject not required
- Good command of English recommended



LECTURES PER WEEK

4 hours



TUTORIALS PER WEEK



SEMINARS PER WEEK

#### INTERMEDIATE LEVEL

At Intermediate level, the main areas are Logic and Reasoning, and Ethics and Society. You will learn how to analyse a problem from different perspectives and build arguments in a coherent and logical manner, while highlighting the relationship between philosophy and other subjects such as art, law, history, literature and the sciences.

- Prior knowledge of subject not required
- Good command of English recommended



LECTURES PER WEEK



# **Psychology**

#### OFFERED BY MATSEC AT INTERMEDIATE LEVEL ONLY

Psychology is the scientific investigation of the human mind and behaviour. It studies people's thoughts, feelings and behaviour. As a result, it provides an in-depth understanding of the various human experiences. It will give you an opportunity to reflect and gain awareness of your experiences and those of others.

The aim of this course is to introduce you to its major approaches, research methods, and various areas of interest as outlined in the syllabus. This subject will make psychology accessible to you if you are interested in this area of study. It can be a preparation for the undergraduate study of Psychology or a complement to other fields of study, by offering a deeper insight on human behaviour.

Good command of English recommended

#### SUBJECT COORDINATOR

- 2 Dr Olivia Galea Seychell
- Room D415
- psychology.jc@um.edu.mt
- √ jc.um.edu.mt/psychology



LECTURES PER WEEK



# Religious Knowledge

Religious Knowledge is the study of the main beliefs of the Catholic faith. During lectures, you will be given time to discuss challenging realities in everyday life. You will be encouraged to develop a greater appreciation of the role of religion in your human experience. By means of a critical and inquiring approach, you will also be encouraged to relate the Christian message to your daily life and to the demands of a post-modern culture.

#### SUBJECT COORDINATOR

- Mr Jason Galea
- Room D406
- his-rel.jc@um.edu.mt
- √ jc.um.edu.mt/his-rel

#### **ADVANCED LEVEL**

The course covers themes related to the Bible, the Creed, Liturgy and the Sacraments, and Christian Morality. You will be provided with an objective knowledge of the Catholic Church's teachings as rooted in the Word of God in the Church's Tradition and Office of Teaching. You will discuss themes related to the Christian message to the contemporary social and cultural context, both local and worldwide.



LECTURES PER WEEK



TUTORIALS PER WEEK

A pass in the subject recommended

#### INTERMEDIATE LEVEL

Religious Knowledge at Intermediate level develops your knowledge and understanding of the key practices and beliefs of Catholic Christianity. It enables you to investigate and understand the relevance of the Catholic faith to questions about truth and the meaning of life. It develops skills of reflection, discernment and critical thinking in the light of the Gospels and the principles of Catholic morality. It enables the personal encounter with the sacramental, liturgical and prayer life of the Church and encourages the personal commitment to community service.

A pass in the subject recommended



LECTURES PER WEEK

3 hours



# Sociology

Sociology is the systematic study of society and cultures. It is a general social science which is interested in understanding and explaining human behaviour within a social context. Sociology helps you to understand social systems, social patterns and trends as well as social changes through the findings of social research. Considering that you already know many things about society, what is interesting about sociology is that it would teach you to look at society in a critical way, from different perspectives and to challenge common sense knowledge, even if it is "what everyone knows".

### SUBJECT COORDINATOR

- Dr Angele Deguara
- Room C306
- sociology.jc@um.edu.mt
- √ jc.um.edu.mt/sociology
- /um.jcsociology

### **ADVANCED LEVEL**

At Advanced level, you will be able to understand social issues ranging from ordinary, everyday life situations, social interaction and experiences (micro sociology) to broader social structures and institutions such as social classes, families, poverty, media and crime as well as processes such as globalisation and social change (macro sociology).

This is what one of our Advanced level students had to say about Sociology:

"It opens your mind to a lot of social aspects, eventually helping you to form your own opinion" – **Martina** 

- A pass in English Language recommended
- An interest in social issues an asset



LECTURES PER WEEK

5 hours



### INTERMEDIATE LEVEL

Sociology at Intermediate level, provides you with a general overview of how society works by exploring different aspects of society. You will learn to take a fresh look at what is often taken for granted about issues related to family life, religion, poverty and the media. You will learn to start looking at these familiar aspects of everyday life from a different perspective.

This is what one of our Intermediate level students had to say about the subject:

"I love Sociology because it applies to your everyday life because it involves exciting topics like the family, social class and diversity" – **Neil** 

- ▶ A pass in English Language recommended
- ▶ An interest in social issues an asset





# Group 3

**Applied Mathematics** 

Biology

Chemistry

Computing

**Environmental Science** 

Physics

Pure Mathematics



# **Applied Mathematics**

### OFFERED BY MATSEC AT INTERMEDIATE LEVEL ONLY

Applied Mathematics (Mechanics) is the application of mathematical methods to the study of the motion of physical bodies. It focuses on basic principles of mechanics and some of its classical problems, based on Newton's laws of motion. The subject places considerable emphasis on aspects related to statics and to the dynamics of particles.

Pursuing Applied Mathematics (Mechanics) at Intermediate level, will lead you to develop the skills required in analysing and solving physics problems. You will thus acquire a basic understanding of Statics, Kinematics, Particle Dynamics and Vectors.

**Note:** students who do not have a pass at SEC level (or equivalent) in Mathematics cannot study the subject at Advanced/Intermediate level.

- A pass in Mathematics required
- ▶ A good pass in the subject recommended

### SUBJECT COORDINATOR

- Dr Christina Zarb
- Room C002
- ✓ jc.um.edu.mt/maths



LECTURES PER WEEK

# **Biology**

Biology plays an important role in the understanding of complex forms of life involving humans, animals and plants. Understanding and gaining knowledge on these intricate details of life helps us humans understand ourselves and the world around us better. It also helps make us aware of the interactions between humanity and the world, and helps us develop interests in the lives of other organisms we share the world with and to instigate an effort to preserve them.

As a student of Biology, you will be offered a number of activities, including visits to complement your studies.

#### SUBJECT COORDINATOR

- Ms Petra Paula Spiteri
- Room D002
- biology.jc@um.edu.mt
- ✓ jc.um.edu.mt/biology

### ADVANCED LEVEL

At Advanced level, you will have the opportunity of studying the main areas which include cell biology, ecology, diversity of life, biological molecules, plant and animal histology, genetics and gene technology. You will also have the chance of conducting fieldwork.

You will undertake a number of important skills during the course, such as essay writing, data analysis and application of knowledge. You will also be exposed to hands-on practical sessions in well-equipped laboratories, where you engage and learn skills essential in the study of the subject at this level.

- A pass in the subject highly recommended
- Knowledge of Chemistry recommended

LECTURES PER WEEK

5 hour



TUTORIALS PER WEEK



PRACTICAL SESSIONS

2 hours

### INTERMEDIATE LEVEL

The main areas of study you will be covering at Intermediate level include cell biology, biochemistry, ecology, physiology, diversity of life and evolution. The material you will studying in these topics, however, is far less than the material covered at Advanced level.

Knowledge of subject recommended



LECTURES PER WEEK



## Chemistry

Chemistry is a fundamental science of world impact that profoundly affects our planet. It is often referred to as the central science because it connects physics with other natural sciences, like biology. Chemistry helps us comprehend the nature of substances and has diverse real-world applications in fields like medicine, manufacturing, environmental science, and technology.

#### SUBJECT COORDINATOR

- Mr Renato Camilleri
- Room C102
- □ chemistry.jc@um.edu.mt
- **▼** jc.um.edu.mt/chemistry

### ADVANCED LEVEL

At Advanced Matriculation (AM), you will delve deeper into the fundamental principles of chemistry, including atomic structure, chemical bonding, thermodynamics, kinetics, organic chemistry, inorganic chemistry and more. You will learn how to use this newfound knowledge to solve complex problems. You will also conduct complex experiments and analyse various chemical reactions. AM Chemistry will provide a solid foundation if you are interested in pursuing higher education and careers in fields such as medicine, pharmaceuticals, chemical engineering, and research.

- ▶ A pass at grade 3 or better in Chemistry strongly advised
- ▶ A pass at grade 3 or better in Mathematics recommended

LECTURES PER WEEK

6 hours



TUTORIALS PER WEEK

1 hour



PRACTICAL SESSIONS

2 hours

### INTERMEDIATE LEVEL

The course will give you a good grounding in chemistry without the depth and high degree of commitment required at the Advanced level. It assumes only minimal prior knowledge of chemistry and covers the core topics comprehensively yet concisely.

A pass in Chemistry and Mathematics recommended



LECTURES PER WEEK



### Computing

We live in a digital world where computers play an integral role in our daily lives. The study of computing serves as a gateway for those seeking to expand their knowledge and pursue further studies at the undergraduate level or higher. This subject offers a comprehensive exploration of various aspects of computing, encompassing both hardware and software development.

If you would like to study this subject, it is best if you have a sound mathematical basis as well as problem-solving skills.

### SUBJECT COORDINATOR

- Dr Patrick Schembri
- Room C202
- ✓ jc.um.edu.mt/cit

### ADVANCED LEVEL

This two-year programme is designed for those who wish to specialise in the dynamic field of computing. The curriculum covers both theoretical concepts and practical applications, with programming as a core component throughout the course.

▶ A pass in the subject at grade 3 or better recommended



LECTURES PER WEEK



TUTORIALS PER WEEK

1 hour



PRACTICAL SESSIONS
PER WEEK

2 hours

### INTERMEDIATE LEVEL

The Intermediate level course provides a streamlined version of the Advanced syllabus, covering fundamental concepts in computing while omitting some of the more detailed and advanced topics. It offers students a balanced blend of theoretical knowledge and practical skills, including an introduction to programming.

A pass in the subject recommended



LECTURES PER WEEK
2 hours



PRACTICAL SESSIONS PER WEEK

1 hour



### **Environmental Science**

### OFFERED BY MATSEC AT INTERMEDIATE LEVEL ONLY

As a student of Environmental Science, you will familiarise yourself with the science of the earth. The new syllabus consists of six subject foci, each of which has a specific set of learning outcomes. You will study about the earth and its resources, population dynamics and human populations, biodiversity and climate change. Other areas which will be tackled are those of the atmosphere and atmospheric pollution together with that of water and water pollution. The necessary basic scientific concepts will be explained along the way.

### SUBJECT COORDINATOR

- Dr Joe A. Doublet
- Room E103
- √ jc.um.edu.mt/envsci-pe



LECTURES PER WEEK



# **Physics**



A Nothing in life is to be feared, it is only to be understood. Now is the time to understand more. So that we may fear less.

### MARIE CURIE

So now is the time to choose Physics as one of your subjects, to understand more of the world around you. Physics is not only useful to science oriented students but also to arts students because it develops in each and every one of you critical thinking and gives you problem-solving skills besides making you appreciate what is around you.

### SUBJECT COORDINATOR

- Ms Antonia Vella
- Room D102
- physics.jc@um.edu.mt
- jc.um.edu.mt/physics
- /um.jcphysics

### **ADVANCED LEVEL**

The two-year course helps students investigate topics like mechanics, waves, heat, optics, electricity, magnetism, nuclear, atomic and particle physics. The skills and knowledge acquired will lead students to further their studies at higher levels and to a wide range of careers both locally and abroad.

A pass in Physics, English and Mathematics recommended



LECTURES PER WEEK





2 hours every fortnight

### INTERMEDIATE LEVEL

Intermediate level Physics goes beyond what is studied at SEC level but the subject is much less intensive than that studied at Advanced level. Students will cover topics covered at SEC level in more detail, and also new topics such as Physical quantities and Circular motion. Physics at Intermediate level is ideal both for students studying other science subjects and also others studying arts because it is considered to be the foundation of all sciences.

▶ A pass in the subject recommended



LECTURES PER WEEK



### **Pure Mathematics**

Pure Mathematics is about patterns and structures observed in nature or otherwise, from which conjectures, or informed guesses, are put across. These conjectures are either proved in general to become theorems, or disproved, often by counterexamples.

Moreover, mathematics can explain, control and help us understand situations found in different areas of science and technology. Several modern technologies, like artificial intelligence (AI), self-driving cars and Blockchain have their roots deeply implanted in mathematics.

Studying mathematics is interesting and stimulating. The solution to a problem, especially a difficult one, can provide much satisfaction, and may surprise you too!

**Note:** students who do not have a pass at SEC level (or equivalent) in Mathematics cannot study the subject at Advanced/Intermediate level.

### SUBJECT COORDINATOR

- Dr Christina Zarb
- Room C002
- **▼** jc.um.edu.mt/maths

### **ADVANCED LEVEL**

Pure Mathematics at Advanced Level, besides being a stimulating subject when studied devoid of any applications, is also useful in several STEM (Science, Technology, Engineering, Mathematics) subjects. Indeed, by studying Pure Mathematics at Advanced level, you will acquire the necessary tools that physicists, biologists, chemists, computer scientists, engineers and mathematicians need to solve real world problems.

You may also pursue Pure Mathematics if interested in Philosophy or related subjects. Topics on calculus, trigonometry, coordinate geometry and algebra, including their applications, are treated rigorously.

It is assumed that students choosing to study Pure Mathematics at Advanced level have a good background in Algebra, and knowledge of the full syllabus of SEC Paper 3.

- A pass in Mathematics required
- A good pass in the subject recommended



LECTURES PER WEEK
6 hours



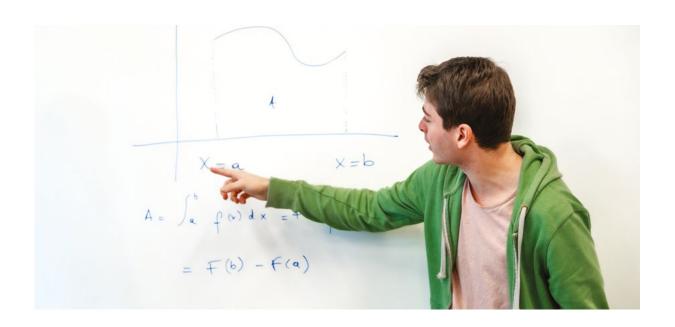
### INTERMEDIATE LEVEL

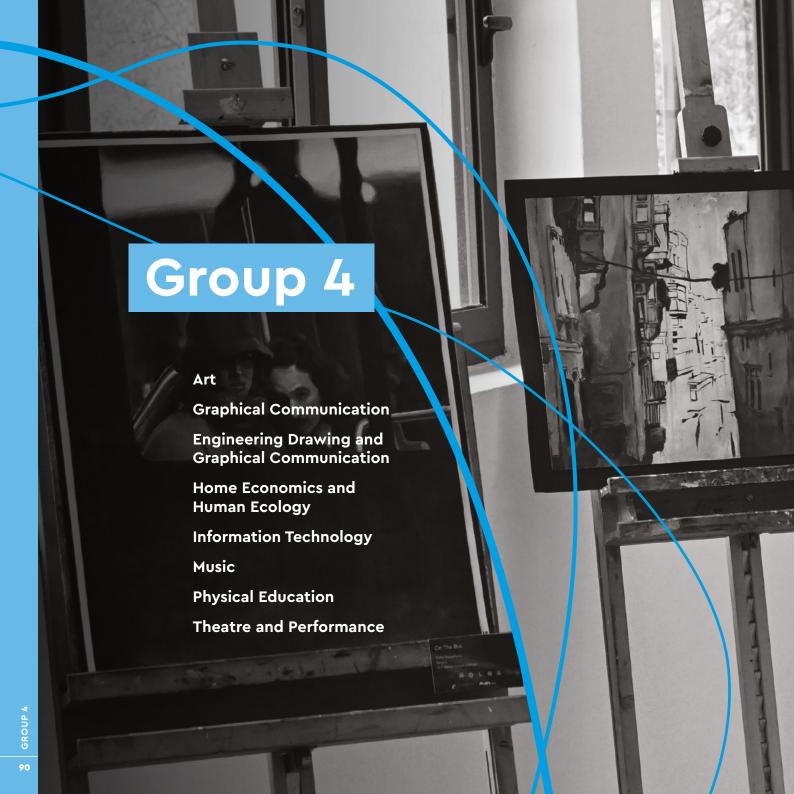
The emphasis of Pure Mathematics at Intermediate level is on developing a solid mathematical knowledge base that will help you acquire written and practical skills required in problem solving. The course is considerably less intensive than that at Advanced level and is intended to provide you with a basic understanding of the mathematical concepts needed in other fields of study such as commerce, information technology or pharmacy. The main topics covered at Intermediate level are algebra, trigonometry, calculus and geometry.

It is highly recommended that students choosing to study Pure Mathematics at Intermediate level have a good background in Algebra, and knowledge of the full syllabus of SEC Paper 3.

- ▶ A pass in Mathematics <u>required</u>
- ▶ A good pass in the subject recommended









### Art

The primary aims of this course are creativity, exploration of themes and ideas through research and investigation of art processes, as well as the critical evaluation of works of art within a historical, social and political context.

The course encourages you to use a wide range of media and to acquire skills to be able to create work that responds to various themes and relevant issues. You will also have the opportunity of participating in art exhibitions organised by the College.

### SUBJECT COORDINATOR

- Ms Olivianne Farrugia
- Room Db13
- □ creativearts.jc@um.edu.mt
- jc.um.edu.mt/creativearts

### **ADVANCED LEVEL**

You will be expected to show high standards in all fields of visual arts by building a comprehensive portfolio of work and a visual journal to accompany it. You will choose a personal study towards the end of the course in order to show your ability of researching an area visually and textually, and to get to a fully-developed visual project that shows the process from investigation to experimentation and development as assisted by your mentors.

Within the six-hour weekly classes of art practice, you will meet for an hour of Masterclass, during which you will be exposed to different uses of media, techniques and processes that will equip you with enough tools for your personal practice. Another hour per week will be dedicated to Art History. These classes help you to appreciate works of art within your social context and provide you with the right skills to write critical appraisals, comparative studies and synoptic essays on works within the syllabus and beyond.

Should you decide to take Art at this level, you will be encouraged to participate in the monthly *Art Café*, ongoing workshops and Enrichment Programme Units (EPUs) in the field, with the possibility of occasional art trips abroad, organised by the Department of Creative Arts and Design.

 A pass in the subject or knowledge of the subject, or attendance of Junior College summer course recommended



LECTURES PER WEEK

1 hour



PRACTICAL SESSIONS
PER WEEK

### INTERMEDIATE LEVEL

At this level, you are expected to show an adequate level of research. During your two-hour weekly class of art practice, you will be assisted to build a good body of work and a visual journal that exhibits the process behind each work.

You will also meet for an hour of Art History on a weekly basis during which you will get acquainted with the most popular masterpieces, and develop your critical skills in reading a work of art.

▶ A **pass** in the subject or knowledge of the subject, or attendance of Junior College summer course **recommended** 



LECTURES PER WEEK

1 hour



PRACTICAL SESSIONS PER WEEK



# **Graphical Communication**

### OFFERED BY MATSEC AT ADVANCED LEVEL ONLY

Graphical Communication is a universal graphic language used by designers from all disciplines to accurately describe the size, shape and relationship of the physical components making up the technical world.

At Advanced level, you will be studying three topics: plane and solid geometry; creative design as applied to ideogrammatic images, packaging solutions, instructional leaflets, building illustrations and the communication of comparative information; and 2-D computer aided drafting (CAD).

A pass in the subject recommended

### SUBJECT COORDINATOR

- Ms Olivianne Farrugia
- Room Db13
- □ creativearts.jc@um.edu.mt
- **▼** jc.um.edu.mt/creativearts



LECTURES PER WEEK

5 hours



PRACTICAL SESSIONS

PER WEEK

2 hours2-D Computer Aided

Drafting (CAD)



# **Engineering Drawing and Graphical Communication**

### OFFERED BY MATSEC AT INTERMEDIATE LEVEL ONLY

The subject focuses on numerous applications from the technical world around us and may be divided into three parts: core knowledge; engineering machine drawing; and graphical representation of data, pictorial illustrations and the design process.

Should you decide to take this subject, you will see that it represents a blend of the separate subjects of Engineering Drawing and Graphical Communication. Both areas share the same core knowledge but Engineering Drawing finds specialised applications whenever machines and structures are designed, described and built.

A pass in the subject recommended

### SUBJECT COORDINATOR

- Ms Olivianne Farrugia
- Room Db13
- □ creativearts.jc@um.edu.mt
- **▼** jc.um.edu.mt/creativearts



LECTURES PER WEEK
3 hours



# **Home Economics and Human Ecology**

Home Economics deals with the relationship between individuals, families, communities, and the environment in which they live. It prepares people for life and independent living with important life skills, as it fosters various employability skills such as problem solving, team work and critical thinking.

It also provides you with opportunities where you can improve your academic skills such as learning how to conduct research, enhance communication skills and independent learning. The subject lends itself to both academic and vocational career paths.

### SUBJECT COORDINATOR

- Dr Glorianne Borg Axisa
- Room C318
- geo-he.jc@um.edu.mt
- √ jc.um.edu.mt/geo-he

### **ADVANCED LEVEL**

The syllabus includes sections about food, nutrition and health, the wellbeing of different individuals and family groups in society, housing, management of finances and resources, environmental issues and consumer education.

Over the two-year programme, you will be expected to complete coursework as required by the syllabus. Food demonstrations are also carried out to enhance your understanding of scientific principles.



LECTURES PER WEEK



TUTORIALS PER WEEK

### INTERMEDIATE LEVEL

At Intermediate level, the course is designed to help you explore and develop different areas of study, namely nutrition, health, family, environment and consumer education.

Over the two-year programme, you will be assigned different pieces of work to consolidate and assess your learning.



LECTURES PER WEEK

# **Information Technology**

Information Technology focuses on the practical use of technology in everyday life, including its applications in business environments. While it shares some common elements with Computing, it is distinct in its approach, emphasising the use of technology as a tool to solve problems and manage various software packages.

### SUBJECT COORDINATOR

- Dr Patrick Schembri
- Room C202
- √ jc.um.edu.mt/cit

### **ADVANCED LEVEL**

This two-year course adopts a hands-on approach to technology, exploring its application across different areas of life and business. The curriculum includes essential computing concepts and emphasizes practical skills. The course includes two compulsory coursework tasks (projects), Combined Database and Programming and Web Design, which together contribute 30% to the final MATSEC grade.

A pass in the subject recommended but not necessary



LECTURES PER WEEK



TUTORIALS PER WEEK



PRACTICAL SESSIONS

hours

### INTERMEDIATE LEVEL

The two-year Intermediate course offers a more concise version of the Advanced syllabus, covering key areas but in less depth. Students are required to complete one compulsory Web Design project, contributing 20% to the final MATSEC grade. The Intermediate level is ideal for students seeking a foundational understanding of Information Technology and its applications across various fields.

Basic computing literacy recommended but not necessary



LECTURES PER WEEK
2 hours



PRACTICAL SESSIONS PER WEEK

hour



# Music

Music is an art form whose medium is sound, and as such, it must be both emotionally appreciated and intellectually understood. The course offers a wide spectrum of music study which is indispensable for a solid foundation in this subject.

### SUBJECT COORDINATOR

- Ms Olivianne Farrugia
- Room Db13
- □ creativearts.jc@um.edu.mt
- jc.um.edu.mt/creativearts

### ADVANCED LEVEL

At Advanced level you will be studying the following areas: principles of musicianship (sight singing and aural perception); common practice harmony and free counterpoint; history of music (oral) and analysis of set works and instrumentation (written); as well as the creation of composition.

Students who hold a **pass** and/or a Grade 6 or higher in music from any MFHEA recognised institution may choose to focus on performance rather than composition for their practical examination. Furthermore, individuals with a minimum of five years of performance on a specific instrument/vocals, can choose this path by auditioning before a panel at Junior College.

A background in music recommended



LECTURES PER WEEK



TUTORIALS PER WEEK



PRACTICAL SESSIONS

1 hour

### INTERMEDIATE LEVEL

At Intermediate level you will cover the following topics: principles of musicianship; harmony; counterpoint; history; analysis; and the creation of composition. Students who hold a **pass** and/or a Grade 5 or higher in music from any MFHEA recognised institution will have the opportunity to focus on performance rather than composition for their practical examination. Furthermore, individuals with a minimum of five years of performance on a specific instrument/vocals, can choose this path by auditioning before a panel at Junior College.

A background in music recommended



LECTURES PER WEEK



PRACTICAL SESSIONS
PER WEEK

1 hour



# **Physical Education**

### OFFERED BY MATSEC AT INTERMEDIATE LEVEL ONLY

Should you take this subject, you will be able to study both the theoretical and practical aspects of physical education and sport in order to better understand and analyse the major concepts and principles underlying sport and physical education. You will learn four different topics and undergo a fitness test. The topics consist of techniques, tactics and rules of games, anatomy and physiology, acquiring movement skills and socio-cultural studies and the role, structure of international and local sport organisations.

You will be expected to participate in the annual JC Wellbeing and Sport Festival, and to represent the College in games and other sport events.

A pass in the subject recommended

### SUBJECT COORDINATOR

- Dr Joe A. Doublet
- Room E103
- √ jc.um.edu.mt/envsci-pe



LECTURES PER WEEK



### **Theatre and Performance**

Theatre and Performance investigates the nature of theatre. It explores how the people who create it are influenced by their immediate social, political, and religious contexts, and how these in turn play an important role in the creation of performances.

The programme of study promotes a general critical understanding of the history of theatre and performance. Through its practical component, it also encourages individual expressivity and interpretation.

As a student of Theatre and Performance, you will receive theatre workshops to train and create solo as well as collective performance work. You will also be expected to participate in theatre and performance events created within the academic year at the College.

### SUBJECT COORDINATOR

- Ms Olivianne Farrugia
- Room Db13
- □ creativearts.jc@um.edu.mt
- **▼** jc.um.edu.mt/creativearts

### ADVANCED LEVEL

At Advanced level, Theatre and Performance will introduce you to a practical and theoretical study of theatre histories and performance practices as well as the major theatre milestones, starting from the Greeks to the twentieth century. The course will train you in the ability to evaluate live performance and to discuss creative ways of bringing a number of play-texts to the stage.



LECTURES PER WEEK



PRACTICAL SESSIONS
PER WEEK

hours

### INTERMEDIATE LEVEL

Intermediate Theatre and Performance will introduce you to a practical and theoretical study of theatre histories and performance practices. You will examine major theatre milestones, starting from the Greeks to the twentieth century.



LECTURES PER WEEK



PRACTICAL SESSIONS PER WEEK



# SYSTEMS OF KNOWLEDGE

#### **Systems of Knowledge**

#### **COMPULSORY SUBJECT**

Have you ever pondered the motivations behind human actions, our choices in electing representatives for parliamentary governance, the diverse artistic approaches of painters, the persistent environmental pollution, and the creation of transformative artificial intelligence? These fundamental inquiries into human behaviour require us to explore intricate value systems influencing human involvement in politics, art, the environment, and science and technology.

In Systems of Knowledge, we delve into these diverse yet interconnected subjects through a holistic lens, adopting an interdisciplinary approach to knowledge rather than isolating each topic.

In an era of abundant information through search engines, Systems of Knowledge empowers students to acquire skills in processing and applying knowledge, resulting in a profound understanding of complex contemporary issues.

Central to Systems of Knowledge is a hands-on project constituting 40% of the global assessment. The project encourages students to apply their acquired knowledge in practical settings, fostering a sense of responsibility and active citizenship as they contribute meaningfully to society.

#### SUBJECT COORDINATOR

- Mr Samuel Stellini
- Room C418
- sok.jc@um.edu.mt
- ✓ jc.um.edu.mt/sok

# **Junior College Map**



Each room in the building is assigned a code number.

The first letter denotes the **Block**, the following number denotes the **Floor** and the other numbers refer to the **Room number**.

Example for Room B210



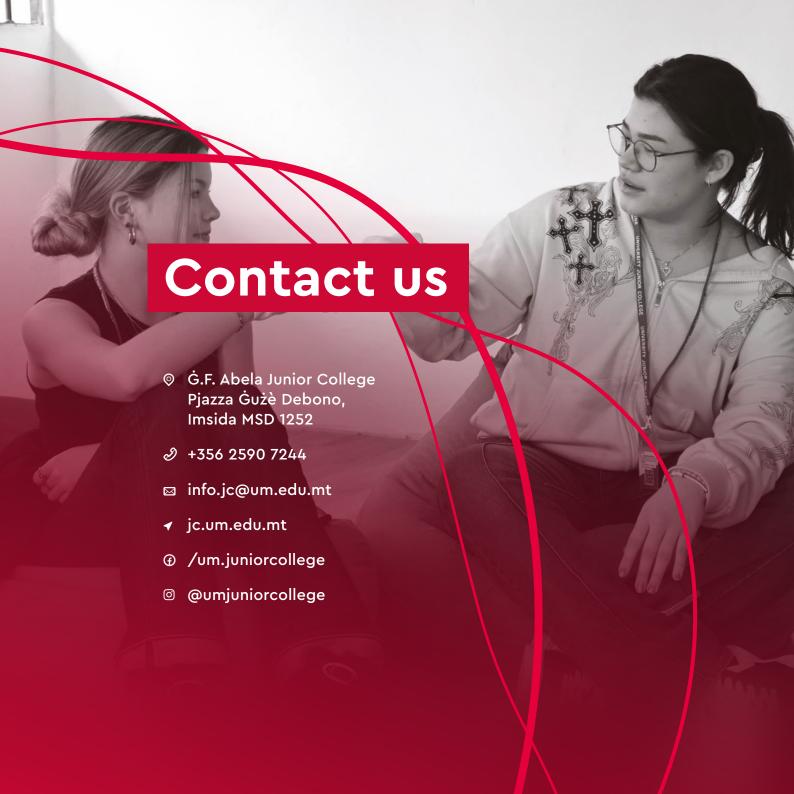
2

10

Block

Floor

Room







# **Notes**





# CREDITS

### **Credits**

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**JOIN TODAY** 

#### T&C'S APPLY

The BOV savings account is a core product forming part of the BOV Club package. The account is denominated in Euro and currently pays no interest. No minimum amount is required to open the account and deposits can be withdrawn anytime. Terms and conditions apply. Issued by Bank of Valletta p.l.c. 58, Triq San Żakkarija, Il-Belt Valletta VLT 1130. Bank of Valletta p.l.c. is regulated by the MFSA and licensed to carry out the business of banking and investment services in terms of the Banking Act (Cap. 371 of the Laws of Malta) and the Investment Services Act (Cap. 370 of the Laws of Malta)

