

**2020 Art Major Asian Scholarship  
Admissions Guide  
(Korea National University of Arts)**



## 1. Objective

The objective of the Art Major Asian(AMA) Scholarship Program is to support students with artistic talent to conduct advanced studies and ability in Korea National University of Arts in order to promote international exchanges in education and mutual friendship between the countries.

## 2. Scholarship Benefits

Classification	Information
Airfare	The grantees will receive an airplane ticket between their country and Korea economy class, for entrance and graduation
Monthly Allowance	800,000won(KRW) per month
Korean Language Training	4-month intensive language training before entrance-full coverage
Tuitions	Full coverage(regular semesters only)
Medical Insurance	Limited coverage

## 3. Application and Selection Schedule (The schedule can be further changed)

Date	Classification
February – May 2019	Open call for submission
31 <sup>st</sup> May 2019	Application Deadline
July 2019	Final Notification of Admissions Decision
31 <sup>st</sup> October 2019	Entry into Korea
November 2019-February 2020	Pre-Course: Korean Language Training
February 2020	Matriculation Ceremony

\* Application only by postal or in person should be submitted.

**Online submission unavailable.**

\* Successful candidates will be informed through K-Arts website and personal contact.

#### 4. AMA Eligible Countries (142 countries)

Albania	Cook Islands	Jamaica	Myanmar (Burma)	St. Vincent & Grenadines
Afghanistan	Costa Rica	Jordan	Namibia	Sudan
Algeria	Côte d'Ivoire	Kazakhstan	Nauru	Suriname
Angola	Cuba	Kenya	Nepal	Swaziland
Antigua & Barbuda	Djibouti	Kiribati	Nicaragua	Syria
Argentina	Dominica	Kosovo	Niger	Tajikistan
Armenia	Dominican Republic	Kyrgyz Rep.	Nigeria	Tanzania
Azerbaijan	Ecuador	Laos	Niue	Thailand
Bangladesh	Egypt	Lebanon	Pakistan	Timor Leste
Belarus	El Salvador	Lesotho	Palau	Togo
Belize	Equatorial Guinea	Liberia	Palestinian	Tokelau
Benin	Eritrea	Libya	Panama	Tonga
Bhutan	Ethiopia	Macedonia	Papua New Guinea	Tunisia
Bolivia	Fiji	Madagascar	Paraguay	Turkey
Bosnia-Herzegovina	Gabon	Malawi	Peru	Turkmenistan
Botswana	Gambia	Malaysia	Philippines	Tuvalu
Brazil	Georgia	Maldives	Rep. of South Sudan	Uganda
Burkina Faso	Ghana	Mali	Rwanda	Ukraine
Burundi	Grenada	Marshall Islands	Samoa	Uzbekistan
Cambodia	Guatemala	Mauritania	Sao Tome & Principe	Vanuatu
Cameroon	Guinea	Mauritius	Senegal	Venezuela
Cape Verde	Guinea-Bissau	Mexico	Serbia	Viet Nam
Central African Rep.	Guyana	Micronesia, Fed. Sts.	Sierra Leone	Wallis & Futuna
Chad	Haiti	Moldova	Solomon Islands	Yemen
China	Honduras	Mongolia	Somalia	Zambia
Colombia	India	Montenegro	South Africa	Zimbabwe
Comoros	Indonesia	Montserrat	Sri Lanka	
Congo, Dem. Rep.	Iran	Morocco	St. Helena	
Congo, Rep.	Iraq	Mozambique	St. Lucia	

## 5. Office for Document Submission

- Address : Attn. AMA Manager  
M505, Office of External Affairs 146-37, 32gil, Hwarang-ro, Seongbuk-gu, Seoul, 02789, Republic of Korea
- Office Hours : 9:00-17:00(Mon-Fri)  
[global@karts.ac.kr](mailto:global@karts.ac.kr)
- E-mail : \* All inquiries on AMA admission shall be made to this email above only.  
\* Please add [AMA 2020] on the title when make inquiry. Otherwise we cannot read and answer you due to excessive amount of spam in our mailbox.
- Telephone : +82-2-746-9073

## 6. Qualification

**(1) Only those who hold a citizenship of the 142 countries (page 3) can apply for AMA.**

**(2) Have graduated or be scheduled to hold a high school/university degree by 28<sup>th</sup> Feb 2020.**

- \* Applicants who apply for the master's program must hold a Bachelor's degree or a diploma that is equivalent to or higher than a Bachelor's degree.
- \* Applicants who are expecting to graduate by 28<sup>th</sup> Feb 2020 must submit a certificate of expectant graduation when apply, and submit the official certificate of graduation (degree or diploma) to Karts no later than 28<sup>th</sup> Feb 2020.

**(3) Have adequate health, both physically and mentally.**

**(4) Have no limitations in travelling abroad.**

**(5) Have outstanding artistic talents, gifted skills and an excellent academic record.**

**(6) Applicants should submit at least 3 recommendation letters. One recommended by the government, ministries, and diplomatic organizations, rector of public educational institution and/or head of government approved organizations could receive additional admission points.**

**(7) Applicants should enter to Korea by November 2019 and take Korean language training.**

- \* Applicants who hold TOPIK level 6 and prove reasonable schedule could be exempted by an agreement with AMA manager.

**(8) Specific Qualification, Portfolio and Requirement by each department and major.**

- \* Please refer to 'APPENDIX 1'. Applicants can make own portfolio package for majors with no reference information.

## 7. Note

- Dual applications are not accepted. Applicants must apply for this scholarship via only one program (undergraduate/graduate) and department-major.
- Submitted documents will not be returned to the applicants.
- If there is any inconsistency in the applicant's name or birth date on submitted documents, further evidential document to verify it should be attached.
- Original documents should be submitted. However, if they are not available, **copies must be authenticated by the issuing institution** that they are the same with the originals.
- **All of the materials should be A4 sized** ones; if smaller, attach the material to an additional A4 sized paper; if bigger, fold it up to be an A4 sized one.
- Documents shall be written in Korean or English. Documents written in other languages should be submitted along with notarized translation.
- Korean proficiency (TOPIK score) shall be submitted within the period of validity.
- **Any transcripts and certificates of (expected) graduation issued must have the apostille certificate attached or undergo the consular legalization process.**  
**(Degree certificate and transcript certificate should be attached with apostille.** See Apostille Certificate Submission Guide 'APPENDIX 2')
- All recommendation letters shall include a personal contact and an original signature of references.
- Airfare for entry into Korea will not be provided to a grantee that has been staying in Korea as of the date of announcement of successful candidates.
- K-Arts does not compensate expenses for insurance for traveling to and from Korea.
- **Grantee who is taking degree courses in other school should terminate his/her status as a student before entrance to Korea.**
- All grantee shall take language training before his/her entrance to K-Arts, and one **who cannot reach to 85% attendance record shall be eliminated and shall refund expenses.**
- Incomplete or incorrect documents may lead to application rejection or failure in the Selection Committee, and scholarship revocation even after entry into Korea.
- The medical fee for grantee is to be reimbursed through the insurance company after s/he pays first. However, the expense for dental clinic or chronic disease will not be covered.
- **All AMA students are required to maintain strict legal and regulatory compliance for the government of Korea, K-Arts regulation and AMA regulation.**
- **Any grantee who quits the program after s/he entering Korea should refund all scholarship; airfare for coming into Korea; monthly stipend and Korean language training expenses, etc.**

## 8. Checklist

- **Application package should be arranged by the checklist order in the FORM 1.**
- **Each document can be stapled, but do not staple all the documents together.**

(1) Application [Form 1]

(2) Self-Introduction [Form 2]

(3) Study Plan [Form 3]

(4) Personal Medical Assessment [Form 4]

(5) **3** Letters of Recommendation [Form 5]

\* References signed within 6 months as of the date of submission only are available.

(6) Copy of diploma or certificate of (expected) graduation **with Apostille.**

(7) Official Transcripts(the most recently attended from high school)

(8) A Hard Copy of Passport

(9) Certificate of Korean or English Proficiency

(10) Certificates of relevant work experiences, award and/or other achievement (Optional)

(11) Portfolio (leave your name on each page or portfolio in case of missing)

- Please type or print clearly using black ink in Korean or in English.
- Please state a Date in the following order : YYYY.MM.DD
- Please remove the instructions and the directions in the blank before print.
- Don't change anything in the form and extend the pages.

[Form 1]

# 2020 Korea National University of Arts Art Major Asian(AMA) Scholarship Application Form

## 1. Personal Information (All Mandatory)

<b>Family Name</b>	Must be spelled the same as in the passport.	Passport Photo (3cm*4cm)
<b>Given Name</b>	Must be spelled the same as in the passport	
<b>Date of Birth</b>	YYYY.MM.DD	
<b>Sex</b>	M/F	
<b>Marital Status</b>	Single/Married	
<b>Nationality</b>		
<b>Passport</b>	Number : / Expiration Date :	
<b>Phone</b>	Home : Country+Area+Number      Cell : Country+Area+Number	
<b>E-mail</b>		
<b>Address</b>	Please write in English only including street address.	
	City	Country (Postal Code : )

## 2. Department and Major in Karts (All must be completed)

<b>Course</b>	BA(undergraduate)/MA(graduate)
<b>School</b>	
<b>Department</b>	
<b>Major</b>	If available

**3. Education Information (since elementary school) : Please list most recent first.**

Graduate /Attend	Period	Name of School(University)	Major	Location/Country
	YYYY.MM.DD~ YYYY.MM.DD			

**3-1. Graduate applicants only**

Name of University	Major	Degree	Type	Category
			Private/Public	University College(2years, 4years)

**4. Transcripts (Official academic transcripts of below listed should be submitted and proved)**

School	Year	Grade	Rank	100 Percentile (CGPA)
High School	1 <sup>st</sup> year	/	/	/100
	2 <sup>nd</sup> year	/	/	/100
	3 <sup>rd</sup> year	/	/	/100
TOTAL		/	/	/100
University	1 <sup>st</sup> year	/	/	/100
	2 <sup>nd</sup> year	/	/	/100
	3 <sup>rd</sup> year	/	/	/100
	4 <sup>th</sup> year	/	/	/100
	5 <sup>th</sup> year	/	/	/100
TOTAL		/	/	/100

\*\* CGPA( must be converted on a maximum scale of 100 points(converted point)



## 5. Portfolio List

Type/Format	Volume/Time	Title of Work	Produced Date
ex) DVD			YYYY.MM.DD

## 6. Language Proficiency

Language	Title of Test	Score or Level	Date of Test	Level or Proficiency
Korean	TOPIK (by NIID)		YYYY.MM.DD	
English				
etc				

\*\* Must be attached to official record(TOPIK, TOFEL, ILETS, DELF, DALF, etc.)

## 7. List of References

Name	Position	Organization	Phone	E-mail Address

## 8. Career or Award

Date	Institution	Position	Memo

**9. Family Information**

Relation	Name	Date of Birth	Address & Phone Number	Education Working Place Name Occupational Status
		YYYY.MM.DD		

**THE ANSWERS I HAVE GIVEN ABOVE ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. IF MY ANSWERS CONTAIN ANY KIND OF FALSEHOOD, I WILL TAKE ANY LEGAL RESPONSIBILITY.**

YYYY.MM.DD

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**Date                      Name of the Applicant                      Signature of the Applicant**

## Self Introduction

<b>Name</b>	
<b>Country</b>	
<b>Course</b>	BA(undergraduate)/MA(graduate)
<b>Field</b>	School + Department

\* Please type within 2 pages using black ink in Korean or in English (\*12points)

- Your course of life, your view of life, study background, your hopes & wishes, etc.
- Your education and work experience, etc., in relation to the AMA program
- Your motivation for applying for this program
- Reason for study in Korea and K'arts

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YYYY.MM.DD

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**Date**

**Name of the Applicant**

**Signature of the Applicant**

## Study Plan

<b>Name</b>	
<b>Country</b>	
<b>Course</b>	BA(undergraduate)/MA(graduate)
<b>Field</b>	School + Department

\* Please type within 2 pages using black ink in Korean or in English (\*12points)

- Goal of study, title or subject of research, and detailed study plan
- Future plan in Korea or another country after study in Korea

Large empty rectangular box for content.

YYYY.MM.DD

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**Date**

**Name of the Applicant**

**Signature of the Applicant**

## Personal Medical Assessment

- Please provide accurate information for the following questions.

QUESTION	Check
1. <b>Allergies</b>	Yes/No
2. <b>High Blood Pressure</b>	
3. <b>Diabetes</b>	
4. <b>Tuberculosis</b>	
5. <b>Any type of Hepatitis</b>	
6. <b>HIV</b>	
7. Have you had any serious ailment, injuries or diseases in the last five years?	
8. Have you been hospitalized in the last two years	
9. Have you ever been treated by a doctor for any mental, emotional, or anxiety disorder?	
10. Have you ever been addicted to any substance whether legal or prohibited?	
11. Do you have any visual or hearing impairment?	
12. Do you have any physical disabilities?	
13. Have you ever suffered from depression?	
14. Are you taking any prescribed medication?	
<ul style="list-style-type: none"> <li>▪ If "yes", please explain.</li> </ul>	

- Applicants are not required to undergo an authorized medical exam before the announcement of successful candidates. However, all successful candidates must submit a Certificate of Health by doctor which proves the result of the number **1~6**(made within 6 months as of the date of the announcement) immediately after the announcement.

- All grantees must take another comprehensive medical check-up (including HIV, TBPE drug test) after coming into Korea in accordance with the requirements of the Korea Immigration Service and the Karts. If the results show that any grantee is unfit to study and live overseas, he/she may be disqualified.

YYYY.MM.DD

**Date**

**Name of the Applicant**

**Signature of the Applicant**

## Letter of Recommendation

<b>Applicant</b>	Name	
	Country	
	Course	
	Field	School + Department
	Current(Last) School	
<b>Recommender</b>	Name	
	Title or Position	
	Institutions	
	E-mail	
	Address	
	Telephone	
	How long have you known the applicant?	

■ Please assess the applicant's qualities in the evaluation table given below.(check O)

	Excellent	Good	Average	Below Average
Academic Achievement				
Future Academic Potential				
Integrity				
Responsibility/Independence				
Creativity/Originality				
Communication Skills				
Interpersonal skills				
Leadership				



Please provide us with comments on the applicant's performance record, potential, or personal qualities which you believe would be helpful in considering the applicant's application for the proposed degree program.

YYYY.MM.DD

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**Date**

**Name of the Recommender**

**Signature of Recommender**

# [Appendix 1] Admission Unit and Information

## ● School of Music

Department	Major	Degree	Programme	Portfolio (Main Applicants can attach portfolios if wanted)		
Vocal Music	Opera Singing (Soprano, Mezzo-Soprano, Countertenor, Tenor, Baritone, Bass)	Bachelor of Music	4 years	Performance DVD recorded - An Italian art song - A German art song and - An Aria selected by applicant (Must be the one after W.A. M)		
		Artist Diploma	3 years			
	Opera Directing	Bachelor of Music	4 years			
		Artist Diploma	3 years			
	Opera Coach	Bachelor of Music	4 years			
		Artist Diploma	3 years			
	Lied And Oratorio	Bachelor of Music	4 years			
		Artist Diploma	3 years			
Instrumental Music	Instrumental Music	Piano	Bachelor of Music	4 years	Performance DVD recorded - One of the items(first movement) W. A Mozart, Haydn or Beethoven - A piece of Etude and - A free choice piece of Rom	
			Master of Arts	2 years		
		Organ	Bachelor of Music	4 years		
			Master of Arts	2 years		
		Harpsichord	Bachelor of Music	4 years		
			Master of Arts	2 years		
		Violin	Bachelor of Music	4 years		Performance DVD recorded - J. S. Bach - Sonata and Part (1 slow and 1 fast movement) - A free choice of short piece
			Master of Arts	2 years		
		Viola	Bachelor of Music	4 years		
			Master of Arts	2 years		
		Cello	Bachelor of Music	4 years		
			Master of Arts	2 years		
	Double Bass	Bachelor of Music	4 years			
		Master of Arts	2 years			
	Harp	Bachelor of Music	4 years			
		Master of Arts	2 years			
	Guitar	Bachelor of Music	4 years			
		Master of Arts	2 years			
	Woodwind	Bachelor of Music	4 years	Performance DVD of 2 different era(longer than 10		
	Brasswind	Bachelor of Music	4 years	Performance DVD of 3 different era		
	Percussion Instruments	Bachelor of Music	4 years			
	Solo	Piano	Artist Diploma	3 years		
		Violin	Artist Diploma	3 years		
		Cello	Artist Diploma	3 years		
		Double Bass	Artist Diploma	3 years		
	Accompaniment		Artist Diploma	3 years		
	Orchestra	Violin	Artist Diploma	3 years		
		Viola	Artist Diploma	3 years		
		Cello	Artist Diploma	3 years		
		Double Bass	Artist Diploma	3 years		

● School of Drama

Department	Major	Degree	Programme	Portfolio (Main Applicants can attach portfolios if wanted)
Acting	Acting	Bachelor of Fine Arts	4 years	- 3min. video of Self-Introduction - 3min. video of Acting in Role
		Master of Fine Arts	3 years	
	Drama/Theatre for the Young	Master of Fine Arts	3 years	
Directing	Directing	Bachelor of Fine Arts	4 years	- 3min. video of Self-Introduction
		Master of Fine Arts	3 years	
Playwriting	Playwriting	Bachelor of Fine Arts	4 years	.
		Master of Fine Arts	3 years	
	Creative Writing	Bachelor of Fine Arts	4 years	
		Master of Fine Arts	2 years	
Stage Design	Stage Design	Bachelor of Fine Arts	4 years	- Portfolio of more than 15 (size : A4 or A3)
		Master of Fine Arts	3 years	
Theatre Studies	Theatre Studies	Bachelor of Fine Arts	4 years	
		Master of Fine Arts	2 years	
	Theatre Management	Bachelor of Fine Arts	4 years	
		Master of Fine Arts	2 years	

● School of Film, TV and Multimedia

Department	Major	Degree	Programme	Portfolio (Main Applicants can attach portfolios if wanted)		
Film Making	Directing	Bachelor of Fine Arts	4 years	- May conduct interview in person		
		Master of Fine Arts	2 years/ 3 years			
	Cinematography	Bachelor of Fine Arts	4 years			
	Cinematography(Lighting)	Master of Fine Arts	2 years/ 3 years			
	Editing	Bachelor of Fine Arts	4 years			
		Master of Fine Arts	2 years			
	Sound	Bachelor of Fine Arts	4 years			
		Master of Fine Arts	2 years			
	Screenwriting	Bachelor of Fine Arts	4 years			
		Master of Fine Arts	2 years			
	Producing	Master of Fine Arts	2 years			
			Bachelor of Fine Arts		4 years	1-2 video(s) direct

● School of Dance

Department	Major		Degree	Programme	Portfolio (Ma Applicants can att portfolios if wanted
Dance Performance	Dance Performance	Korea Traditional Dance	Bachelor of Fine Arts	4 years	- May conduct interview if needed.
			Master of Fine Arts	2 years	
		Ballet	Bachelor of Fine Arts	4 years	
			Master of Fine Arts	2 years	
		Contemporary Dance	Bachelor of Fine Arts	4 years	
			Master of Fine Arts	2 years	
Choreography	Choreography		Bachelor of Fine Arts	4 years	
			Master of Fine Arts	2 years	
Dance Theory	Dance Theory		Bachelor of Arts	4 years	
			Master of Arts	2 years	
	Art Management		Bachelor of Arts	4 years	
			Master of Arts	2 years	

● School of Visual Arts

Department	Major		Degree	Programme	Portfolio (Ma Applicants can att portfolios if wanted	
Fine Arts	Fine Arts (Painting, Sculpture, Media, Ceramic, Glass)		Bachelor of Fine Arts	4 years	- Portfolio book of more than 40 pages(resume of 4 major works) OR Portfolio video of more than 5 minutes	
	Painting	Painting / Print Making	Master of Fine Arts	2 years		
			Master of Fine Arts	2 years		
	Display and Sculpture	Display and Sculpture	Master of Fine Arts	2 years		
	Media	Photography (including 3D Holography Art)	Master of Fine Arts	2 years		
			Video Art	Master of Fine Arts		2 years
			New Media	Master of Fine Arts		2 years
	Ceramic & Glass	Ceramic Art	Master of Fine Arts	2 years		
			Master of Fine Arts	2 years		
			Glass Art	Master of Fine Arts		2 years
Design	Design		Bachelor of Fine Arts	4 years	- Portfolio book of more than 40 pages(resume of 4 major works) - Self introduction, free-form - Study plan, free-form	
	Interaction Design		Master of Fine Arts	2 years		
	Transportation Design		Master of Fine Arts	2 years		
	Visual Communication Design		Master of Fine Arts	2 years		
	Product Design		Master of Fine Arts	2 years		

● School of Korean Traditional Arts

Department	Major	Degree	Programme	Portfolio (Ma Applicants can att portfolios if wanted
Traditional Art Theory	Traditional Arts Theory	Bachelor of Traditional Arts	4 years	
		Master of Traditional Arts	2 years	
	Korean Art History	Master of Traditional Arts	2 years	
Traditional Music	Instrumental Music	Bachelor of Traditional Arts	4 years	Evidence of 2 or more Pe - eg. Brochures, sound fi
		Master of Traditional Arts	2 years	
	Vocal Music	Bachelor of Traditional Arts	4 years	
		Master of Traditional Arts	2 years	
Traditional Music Composition	Traditional Music Composition	Bachelor of Traditional Arts	4 years	3 or more composition w - eg. Sound files and/or v
	Instrumental Music, Vocal Music Composition	Master of Traditional Arts	2 years	
	Conducting	Master of Traditional Arts	2 years	
Traditional Dance	Traditional Dance	Master of Traditional Arts	2 years	
Traditional Folk Theatrics	Farmer's Musical Instruments	Bachelor of Traditional Arts	4 years	
		Master of Traditional Arts	2 years	
	Mask Dance	Bachelor of Traditional Arts	4 years	
	Shamanistic Music	Bachelor of Traditional Arts	4 years	
	Group Theatrical Performance	Bachelor of Traditional Arts	4 years	

## [Appendix 2]

# < Apostille Certificate Submission Guide

### 1. What is an Apostille certificate ?

- In order for a document to be recognized by a foreign country, it should undergo legalization for foreign p  
country. In general, such a document is authenticated by means of ‘consular legalization’ at diplomatic offices  
is to be used.
- The Apostille certificate is issued by an authority of the country concerned after validating the authenticity of th  
or signatures of the document. A document bearing the Apostille certificate is deemed acceptable as an official  
the consular legalization.

### 2. Documents subject to the Apostille certificate requirement

- Documents issued by government agencies (including local governments, national and public educational instit  
graduation issued by a national/public school
  - Notarized documents prepared by a person in the capacity of a notary public in accordance with the Notary P  
transcripts and certificates of graduation issued by a private school
- ※ For a document not written in Korean or English, the original and its translation should be attached with the Ap  
officer responsible for notarization.

### 3. Applicants from a signatory country

- Issuing agency : Apostille certificates are issued by an institution designated as an authority by the government  
of Foreign Affairs for Korea)
- How to submit : Apostille certificates for the required documents above need to be issued and submitted  
documents.(Applicants are advised to verify the lead time for the issuance of the Apostille certificate)
- Important Matters

[Appendix 3]

## C.G.P.A. Conversion Table

4.0 Scale	4.3 Scale	4.5 Scale	5.0 Scale
3.97 ~ 4.0	4.26 ~ 4.3	4.46 ~ 4.5	4.95 ~ 5.0
3.92 ~ 3.96	4.22 ~ 4.25	4.41 ~ 4.45	4.90 ~ 4.94
3.88 ~ 3.91	4.17 ~ 4.21	4.36 ~ 4.40	4.84 ~ 4.88
3.84 ~ 3.87	4.12 ~ 4.16	4.31 ~ 4.35	4.79 ~ 4.83
3.80 ~ 3.83	4.08 ~ 4.11	4.26 ~ 4.30	4.73 ~ 4.77
3.75 ~ 3.79	4.03 ~ 4.07	4.21 ~ 4.25	4.68 ~ 4.72
3.71 ~ 3.74	3.98 ~ 4.02	4.16 ~ 4.20	4.62 ~ 4.66
3.67 ~ 3.70	3.93 ~ 3.97	4.11 ~ 4.15	4.57 ~ 4.61
3.62 ~ 3.66	3.89 ~ 3.92	4.06 ~ 4.10	4.51 ~ 4.55
3.58 ~ 3.61	3.84 ~ 3.88	4.01 ~ 4.05	4.45 ~ 4.49
3.49 ~ 3.57	3.75 ~ 3.83	3.91 ~ 4.00	4.34 ~ 4.43
3.41 ~ 3.48	3.65 ~ 3.74	3.81 ~ 3.90	4.23 ~ 4.32
3.32 ~ 3.40	3.56 ~ 3.64	3.71 ~ 3.80	4.12 ~ 4.21
3.24 ~ 3.31	3.46 ~ 3.55	3.61 ~ 3.70	4.01 ~ 4.10
3.15 ~ 3.23	3.37 ~ 3.45	3.51 ~ 3.60	3.90 ~ 4.00