## THE NATIONAL POSTGRADUATE SCHOLARSHIP PROGRAMME APPLICATION TIMELINE & GUIDELINES: ACADEMIC YEAR 2020/21

The National Postgraduate Scholarship Programme was established to enable Omani scholarship recipients to pursue specific programmes that are in the national interest at well-reputed universities abroad. To be eligible for consideration for a National Postgraduate scholarship, applicants must have received an <a href="mailto:unconditional">unconditional</a> offer of place that will enable the candidate to gain direct entry onto an eligible Master's (MA) or Doctor of Philosophy (PhD) programme at one of the approved universities for entry in the academic year 2020/21. The approved universities are selected by the Oman Ministry of Higher Education (MoHE) from the Shanghai Academic Ranking of World Universities (ARWU) 2019. The lists of eligible programmes and approved universities are available on the Higher Education Admission Center (<a href="mailto:heac.gov.om">heac.gov.om</a>) and Ministry of Higher Education websites (mohe.gov.om). To competitively apply to the National Postgraduate Scholarship Programme, Omani nationals must complete and submit an online application using the Higher Education Admissions Center (HEAC) electronic system. The National Postgraduate Scholarship Programme requires that candidates apply by the relevant deadline. Late and/or incomplete applications will not be assessed. The scholarship application timeline for the academic year 2020/21 is as follows:

| THE NATIONAL POSTGRADUAT  | THE NATIONAL POSTGRADUATE SCHOLARSHIP PROGRAMME APPLICATION TIMELINE: ACADEMIC YEAR 2020/21  |                     |   |  |  |  |
|---|--|---------------------|---|--|--|--|
| STAGE   | START DATE   | TE DEADLINE REMARKS |   |  |  |  |
| Registration Period (all programmes,<br>except for Medical Specialties and<br>Fellowships)<br>Registration Period for Scholarships in | 01/11/19   | 30/03/20            | Applications (with all supporting documents) will close on the March 30, 2020 at 2pm in the afternoon (14.00hrs Oman time). Late applications will NOT be accepted.  Applications (with all supporting documents) will close on the |  |  |  |
| Medical Specialties and Fellowships ONLY  | 01/11/19   | 06/02/20            | February 6, 2020 at 2pm in the afternoon (14.00hrs Oman time). Late applications will NOT be accepted.  |  |  |  |
| Medical Specialties and Fell  Notification of Scholarship Results: 30   | Notification of Scholarship Results: 15/03/20 for scholarships in  Medical Specialties and Fellowships ONLY  Notification of Scholarship Results: 30/04/20 for scholarships in  programmes OTHER than Medicinal Specialties or Fellowships |                     | Successful applicants are notified  |  |  |  |
| Scholarship Appeal  | 01/05/20   | 09/05/20            | Unsuccessful applicants can submit an online appeal before the 09 May, 2020 at 2pm (14.00hrs Oman time)   |  |  |  |
| Scholarship Appeal Decisions 21/0   |  | /20                 | Appeal decisions will be announced on the 21st of May, 2020  – these decisions are made by a committee and shall be regarded as final and irrevocable   |  |  |  |

THE NATIONAL POSTGRADUATE SCHOLARSHIP PROGRAMME ACADEMIC YEAR 2020/21 OMAN MINISTRY OF HIGHER EDUCATION

In case of any discrepancies, the Arabic version of this announcement shall prevail over the English version.

All scholarship applications are screened by a Ministry of Higher Education Scholarship Selection Committee, except for the Medical Scholarship & Fellowship applications, which are screened by the Oman Medical Board. There are specific procedures for applying for a National Postgraduate Scholarship. Prospective applicants should make sure they are very clear on the current scholarship eligibility requirements and the required supporting documents they will need to submit along with their application.

Before making an online scholarship application, candidates should therefore read carefully and thoroughly the information on the following pages. This document sets out important details on the scholarship criteria and procedures in view of the academic year 2020/21. The full announcement is available in English and Arabic on the following websites: <a href="heac.gov.om">heac.gov.om</a> and <a href="mailto:mohe.gov.om">mohe.gov.om</a>.

Applicants are encouraged to visit the Ministry of Higher Education (<u>mohe.gov.om</u>) and Higher Education Admission Center (<u>heac.gov.om</u>) websites for more information. Applicants should make complete applications by the relevant deadline for the application to be considered valid. Incomplete and/or late applications will <u>not</u> be processed and are excluded from the selection process.

For more information about the scholarship application procedures, please contact the Ministry of Higher Education's call center (+968 243 40 900) on weekdays (Sun-Thursday) between 8am-2pm.

**Following page(s): GUIDELINES FOR APPLYING FOR A SCHOLARSHIP** - this document sets out <u>important</u> details on the scholarship criteria and procedures in view of the academic year 2020/21.

## NATIONAL POSTGRADUATE SCHOLARSHIP PROGRAMME - ACADEMIC YEAR 2020/21 Guidelines for applying for a scholarship

Further to the announcement about the **National Postgraduate Scholarship Programme** in the local newspapers, this document sets out <u>important</u> details on the scholarship criteria and procedures in view of the **academic year 2020/21**.

Before applying for a scholarship, applicants must ensure that they fulfil all the eligibility criteria and can comply with the policies and guidelines set out in this document.

### **Contents:**

Doctor of Philosophy (PhD) Scholarship Eligibility Requirements

Master's (MA) Scholarship Eligibility Requirements

Medical Specialties and Allied Health Sciences: Eligibility Requirements

Scholarship Selection Procedures & Tie Breakers

Required Supporting Documents – Checklist

Other Essential Scholarship Guidelines & Regulations

## DOCTOR OF PHILOSOPHY (PhD) SCHOLARSHIP ELIGIBILITY REQUIREMENTS: A PhD SCHOLARSHIP APPLICANT:

- 1. must be an Omani national;
- 2. must be 45 years of age or younger at the time of his/her application;
- 3. who has completed a Bachelor's/Master's degree program at (a) previously attended and accredited overseas higher education institution(s), has to submit a Certificate of Equivalency from the Department for Equivalency & Recognition, Ministry of Higher Education with their online scholarship application. Applicants must take into account the estimated time required to obtain the Certificate of Equivalency as they have to apply for it online to the Ministry of Higher Education's website;
- 4. who holds a Bachelor's/Master's degree awarded by (a) private higher education institution in the Sultanate, must submit copies of the degree certificate(s) and transcripts certified and stamped by the Directorate-General of Private Universities and Colleges, Oman Ministry of Higher Education;
- 5. who aims to apply for a scholarship referred to as an "academic programme" in the list of eligible programmes, must already be employed as a higher education lecturer at one of the Government or private higher education institutions in the Sultanate;
- 6. who aims to apply for a scholarship in an eligible educational degree programme, must already work as an 'educationalist' for the Oman Ministry of Education or for a (post-basic) educational institution that falls under the jurisdiction of the Oman Ministry of Education;
- who aims to competitively apply for one of the programmes which fall under Law Enforcement/Policing, must already work as a Law Enforcement employee for a Government organisation;
- 8. must **not** be in receipt of a scholarship from the National Postgraduate Scholarship Programme *or* any other source *at the time of their application* as in this case they will be disqualified as an applicant for the National Postgraduate Scholarship Programme;
- 9. Applicants must bear in mind that any scholarship funding granted will NOT apply to any part of the degree programme undertaken prior to the start of the scholarship. The Ministry will **not** refund tuition fees or any other expenses paid for that part of the studies undertaken prior to the start of the scholarship.

## DOCTOR OF PHILOSOPHY (PhD) SCHOLARSHIP ELIGIBILITY REQUIREMENTS Continued from previous page

### A PhD SCHOLARSHIP APPLICANT

- 10. who is eligible (according to the Higher Education Institution) to enter directly from a Bachelor's degree to a PhD programme because of superior academic performance and who graduated with his/her Bachelor's degree in the academic year 2018/19, must present an unconditional offer of place at one of the approved universities and it must concern a full-time PhD programme that has been approved for the National Postgraduate Scholarship Programme. This type of candidate must be 25 years of age or younger and cannot be in any form of (contractual) employment at the time of their application;
- 11. who already holds any type of Doctorate degree at the time of their application will be disqualified as a PhD scholarship applicant as duplication of a degree is not permitted;
- 12. must hold an <u>unconditional</u> offer of place on an eligible doctoral programme at one of the approved universities for the academic year 2020/21;
- 13. should submit (upload) a scanned copy of the formal unconditional offer of admission letter. It should concern a true copy of a formal letter that was stamped, signed and written on official University letterhead and sent to the applicant by the University;
- 14. should submit an offer of admission letter that states the type of degree course, the area of study and research topic, and the start and end date of the programme (total duration of the course) –incomplete offer of admission letters shall not be considered;
- 15. must hold an <u>unconditional</u> offer of place on an <u>eligible (approved) and full-time PhD</u> programme in one of the approved subject areas and at one of the approved universities that are all selected from the Shanghai ARWU league table 2019. The list of eligible (approved) programmes is included in this document;
- 16. should bear in mind that a PhD scholarship recipient has to pursue his/her studies at the higher education institution and cannot pursue an online/distance learning PhD programme;
- 17. should bear in mind that English should be the medium of instruction for the degree programme. Applicants who want to pursue their studies in a language other than English should meet the university entry requirements at the time of their application as the scholarship will **not** fund any pre-sessional language course;

## DOCTOR OF PHILOSOPHY (PhD) SCHOLARSHIP ELIGIBILITY REQUIREMENTS Continued from previous page A PhD SCHOLARSHIP APPLICANT

- 18. can submit only one letter of acceptance at any one time with their online scholarship application. Applicants who submit more than one acceptance letter shall be excluded from the selection process;
- 19. who submits a *conditional* offer of admission will be excluded from the selection process;
- 20. should make sure that the University they select in the online application form matches the name of the University in the letter of acceptance;
- 21. must select the correct programme code as listed on the higher education admissions center's (HEAC) website in case the code does not match the name of the degree course, the applicant shall be excluded from the selection process;
- 22. can only submit an offer letter that confirms he/she will pursue a Doctoral of Philosophy (PhD) degree in one of the approved subject areas. The PhD is the only type of doctorate that can be pursued by scholarship recipients other types of doctorates, such as the EdD, EngD or DBA, have **not** been approved for this scholarship programme.

In case of any discrepancies, the Arabic version of this announcement shall prevail over the English version.

## MASTER'S SCHOLARSHIP ELIGIBILITY REQUIREMENTS A MASTER'S SCHOLARSHIP APPLICANT:

- 1. must be an Omani national;
- 2. must be 45 years of age or younger at the time of their application;
- 3. who has completed a Bachelor's degree program at a previously attended and accredited overseas higher education institution, have to submit a Certificate of Equivalency from the Department for Equivalency & Recognition, Ministry of Higher Education with their online scholarship application. Applicants must take into account the estimated time required to obtain the Certificate of Equivalency as they have to apply for it online via the Ministry of Higher Education's website;
- 4. who holds a Bachelor's degree awarded by a private higher education institution in the Sultanate, must submit copies of the degree certificate(s) and transcripts certified and stamped by the Directorate-General of Private Universities and Colleges, Oman Ministry of Higher Education;
- 5. who aims to apply for a scholarship in an eligible educational degree programme, must already work as a 'educationalist' for the Oman Ministry of Education or for a (post-basic) educational institution that falls under the jurisdiction of the Oman Ministry of Education;
- 6. who aims to competitively apply for one of the eligible programmes which fall under Law Enforcement/Policing, must already work as a Law Enforcement employee for a Government organisation;
- 7. must **not** be in receipt of a scholarship from the National Postgraduate Scholarship Programme *or* any other source *at the time of their application* as in this case they will be disqualified as an applicant for the national postgraduate scholarship programme;
- 8. Applicants must bear in mind that any scholarship funding granted will NOT apply to any part of the degree programme undertaken prior to the start of the scholarship. The Ministry will **not** refund tuition fees or any other expenses paid for that part of the studies undertaken prior to the start of the scholarship.

### MASTER'S SCHOLARSHIP ELIGIBILITY REQUIREMENTS

### Continued from previous page

### A MASTER'S SCHOLARSHIP APPLICANT:

- who already holds a Master's degree at the time of their application will be disqualified as a scholarship applicant as duplication of a degree is not permitted;
- 10. must hold an <u>unconditional</u> offer of place on an eligible Master's degree programme at one of the approved universities for the academic year 2020/21;
- 11. should submit (upload) a copy of the formal unconditional offer of admission letter written. It should concern a true copy of a formal letter that was stamped, signed and written on official University letterhead;
- 12. should submit an offer of admission letter that states the type of degree, the name of the programme, start and end date of the programme (total duration) an incomplete offer of admission shall not be considered;
- 13. must hold an <u>unconditional</u> offer of place on an <u>eligible Master's degree programme</u> at one of the approved universities which are all ranked in the Shanghai ARWU league table 2019. The list of eligible programmes is included in this document;
- 14. should bear in mind that English should be the medium of instruction for the degree programme. Applicants who want to pursue their studies in a language other than English should meet the university entry requirements at the time of their application as the scholarship will **not** fund any pre-sessional language course;
- 15. can submit only one letter of acceptance at any one time with their online scholarship application. Applicants who submit more than one acceptance letter shall be excluded from the selection process;
- 16. should bear in mind that all scholarship recipients must pursue a full-time and taught programme offered on-campus;
- 17. who submits a *conditional* offer of admission will be excluded from the selection process;
- 18. should make sure that the University they select in the online application form matches the name of the University in the letter of acceptance.

### MASTER'S SCHOLARSHIP ELIGIBILITY REQUIREMENTS

### Continued from previous page

### A MASTER'S SCHOLARSHIP APPLICANT:

- 19. must select the correct programme code as listed on the higher education admissions center's (HEAC) website in case the code does not match the name of the degree course, the applicant shall be excluded from the selection process;
- 20. All applicants who earned a higher national diploma (HND) or an equivalent qualification prior to their Bachelor's degree must submit a true copy of the HND or equivalent diploma/certificate plus a complete transcript in addition to their Bachelor's degree and transcript as part of their application.

## MEDICAL SPECIALITIES AND ALLIED HEALTH SCIENCES: SCHOLARSHIP ELIGIBILITY REQUIREMENTS

### A MEDICAL OR HEALTH SCIENCE SCHOLARSHIP APPLICANT:

- 1. must be an Omani national;
- 2. must be 45 years of age or younger at the time of their application;
- 3. who have completed Bachelor's/Master's degree programme at (an) previously attended and accredited overseas Higher Education Institution(s), have to submit a Certificate of Equivalency from the Department for Equivalency & Recognition, Ministry of Higher Education (MoHE) with their online scholarship application. Applicants must take into account the estimated time required to obtain the Certificate of Equivalency as they have to apply for it online via the MoHE website;
- 4. who holds a Bachelor's and/or Master's degree awarded by (a) private Higher Education Institution in the Sultanate, must submit copies of the degree certificate(s) and transcripts certified and supplemented/attested by the Directorate-General of Private Universities and Colleges, MoHE;
- 5. must already work as a professional in the healthcare field at one of the Government health institutions in the Sultanate. Those who want to apply for a scholarship in one of the Allied Health Sciences, must already work at one of the 'referral' hospitals or health institutions in the Sultanate;
- 6. who is the recipient of a postgraduate scholarship or any other type of grant *at the time* of their application will be disqualified as a candidate;
- 7. should submit a scanned copy of a formal letter (signed and stamped and on official University letterhead) confirming an unconditional offer of place for the academic year 2020/21 and in one of the eligible programmes as advertised on the HEAC website. English should preferably be the medium of instruction for the programme because the scholarship will not cover any pre-sessional language course;
- 8. must upload a No-Objection Letter with their application signed by the most senior person (=the person of the highest rank) in the organisation where they are employed at the time of their application;

### SCHOLARSHIP SELECTION PROCESS AND TIE-BREAKERS

A scholarship selection committee will thoroughly review each scholarship application to ensure the scholarship eligibility criteria have been met, while for each programme the Ministry of Higher Education may receive more applications than there are places – therefore, not every qualified applicant may receive a scholarship.

If the number of applicants for a particular scholarship programme should exceed the limited number of seats allocated to this programme, the Scholarship Selection Committee will evaluate applications on all four following Scholarship criteria\* in order to identify the most outstanding candidates. In this case, a weight is assigned to each of the following components:

- The overall position (=ranking) of the University (that made the unconditional offer) in the Shanghai Academic Ranking of World Universities (ARWU) 2019 League Table: 50%
- 2. The overall ranking of the previously attended higher education institution (where the last Higher Education-level degree was achieved): 15%. If the Higher Education Institution is NOT ranked in the Shanghai ARWU 2019 league table, no weight (0%) will be assigned to this component.
- 3. The cumulative grade point average for the *last* Higher Education-level degree: 20% a scholarship applicant must submit official transcripts for ALL higher undergraduate/postsecondary studies from all higher education institutions he/she attended. If the applicant fails to declare his/her complete academic history, no weight (0%) will be assigned to this component.
- 4. Previous work experience: **15%.** The applicant must submit official proof of work experience. This letter should be issued by the Government organisation in case the applicant works in the public sector. If the applicant works in the private sector, he/she should submit an experience certificate issued by the Oman Public Authority of Manpower Register. If the applicant fails to submit official proof of work experience, no weight (0%) will be assigned to this component.

<sup>\*</sup>The Ministry of Higher Education continuously strives to further improve the scholarship application procedures and reserves the right to periodically review the eligibility criteria of its scholarship programmes and to adjust these requirements should this be deemed necessary to facilitate flexibility and promote equality of opportunity for all applicants.

### **SUPPORTING DOCUMENTS**

### REQUIRED TO SUBMIT ALONG WITH THE SCHOLARSHIP APPLICATION

## DOCUMENTS REQUIRED IN VIEW OF A MASTER'S SCHOLARSHIP APPLICATION

- An unconditional letter of acceptance from one of the approved Universities (a complete list of selected Universities is available on this website) which are all ranked in the *Shanghai Academic Ranking of World Universities 2019*. The letter of acceptance must confirm a guaranteed seat onto one of the qualifying programmes as publicized by the Oman Ministry of Higher Education (a complete list of names of approved programs is available on this website);
- A copy of a valid Omani passport;
- Copy of the General Education Diplomacertificate or equivalent school certificate;
- Copies of the Bachelor's degree certificate and transcripts (academic records) from the previously attended higher education institution;
- in case the previously attended Higher Education
  Institution concerns an accredited Higher
  Education Institution abroad, the applicant must
  upload a Certificate of Equivalency issued by the
  Equivalency & Recognition Department, Ministry
  of Higher Education;
- If applicable, the applicant must submit a true copy of the Higher National Diploma or equivalent qualification and transcript(s);
- In case the academic records were awarded by a private HEI in the Sultanate, the uploaded copies must concern copies that have been

## DOCUMENTS REQUIRED IN VIEW OF A PhD SCHOLARSHIP APPLICATION

- An unconditional letter of acceptance from one of the approved Universities (a complete list of selected Universities is available on this website) which are all ranked in the *Shanghai Academic Ranking of World Universities 2019*. The letter of acceptance must confirm a guaranteed seat onto one of the qualifying programs as publicized by the Oman Ministry of Higher Education (a complete list of names of approved programs is available on this website).
- A copy of a valid Omani passport
- Copies of the Bachelor's and Master's degree certificates and transcripts (academic records) from previously attended Higher Education Institution(s);
- in case the previously attended Higher Education
  Institution concerns an accredited Higher
  Education Institution abroad, the applicant must
  upload a Certificate of Equivalency issued by the
  Equivalency & Recognition Department, Ministry
  of Higher Education;
- In case the academic records were awarded by a private HEI in the Sultanate, the uploaded copies must concern copies that have been authenticated/certified and supplemented by the Directorate-General of Private Universities and Colleges, Oman Ministry of Higher Education.

#### THE NATIONAL POSTGRADUATE SCHOLARSHIP PROGRAMME ACADEMIC YEAR 2020/21 OMAN MINISTRY OF HIGHER EDUCATION

In case of any discrepancies, the Arabic version of this announcement shall prevail over the English version.

- authenticated/certified and supplemented by the Directorate-General of Private Universities and Colleges, Oman Ministry of Higher Education.
- Applicants who are employed by a (Semi-)
  Governmental organization at the time of their
  scholarship application must submit a
  No-Objection Letter from their organisation
  signed by the most senior person in the
  organisation, which is the person of highest rank.
  They must also submit a recent letter from the
  Human Resource Department stating the number
  of years they have been working for the
  organisation
- Applicants who work in the private sector must submit a recent certificate from the Public
   Authority of Manpower Register confirming that the applicant works in the private sector at the time of their application and the number of years he/or she has been working there
- Applicants with no current and/or previous work experience, must submit a recent letter from the Public Authority of Manpower Register confirming that the applicant is not employed at the time of their application
- All applicants must submit a curriculum vitae

- Applicants who are employed by a (Semi-) Governmental organization at the time of their scholarship application must submit a No-Objection Letter from their organisation signed by the most senior person in the organisation (this is the person of the highest rank). They must also submit a letter from the Human Resource Department stating the number of years they have been working for the organisation
- Applicants who work in the private sector must submit a recent certificate from the Public Authority of Manpower Register confirming that the applicant works in the private sector at the time of their application and the number of years he/or she has been working there
- Applicants with no current and/or previous work experience, must submit a letter from the Public Authority of Manpower Register confirming that the applicant is not employed at the time of their application
- All applicants must submit a curriculum vitae

### OTHER ESSENTIAL SCHOLARSHIP GUIDELINES & REGULATIONS

- 1. Applicants employed by a Governmental or Semi-Governmental organisation at the time of their scholarship application must submit a No-Objection Letter from their organisation. This letter must be signed by the person of the highest rank in the organisation (e.g. the Chief Executive Officer or Minister). The no-objection letter from your employer should include the exact name of the research topic (this applies to PhD applicants), subject area and/or graduate course as mentioned in the offer of admission (official acceptance letter) from the university (hence, the no-objection letter should match the offer of admission from the university).
- 2. A PhD scholarship applicant can only submit an offer letter that confirms he/she will pursue a Doctoral of Philosophy (PhD) degree in one of the approved subject areas. The PhD is the only type of doctorate that can be pursued by scholarship recipients other types of doctorates, such as the EdD, EngD or DBA, have **not** been approved for this scholarship programme.
- 3. Any scholarship holder whose scholarship will be terminated by the Scholarship Management Committee for any of the following reasons must repay the funds for that part of the scholarship that has already been paid. A scholarship shall be terminated prematurely if the scholarship recipient:
  - fails (to continue) to meet the criteria and/or is found in contravention of the regulations as outlined in this document;
  - made (a) defamatory statement(s) that negatively affect(s) the reputation of his/her home country (and its society, culture, and/or Government);
  - o not timely accepted the scholarship offer and/or failed to complete the administrative steps necessary to confirm his/her scholarship by the relevant deadline.
  - failed to make satisfactory academic progress or is not able to complete the degree within the normal standard duration of the programme;
  - transferred to another programme, university and/or study destination without the prior consent from the scholarship management committee;
  - The scholarship management committee reserves the right to terminate the scholarship at any time for any (other) reason(s) deemed legitimate.

- 4. While applying to the Higher Education Admissions Center (HEAC) electronic system, please bear in mind that all documents must be uploaded to the right folder and in PDF-format only and each document cannot exceed 512KB in size.
- 5. If documents are not uploaded to the right folder, the system may earmark your application as incomplete and therefore your application may be discarded. The Ministry of Higher Education is NOT obliged to inform applicants whether the application is complete and will **not** contact applicants for missing documents or about whether the documents were uploaded in the right format;
- Applicants cannot apply for more than one scholarship programme at any one time and such applications will be excluded from the selection process;
- 7. Applicants should take into account the estimated time required for gathering the supporting documents, e.g. in view of equivalency and authentication procedures;
- 8. Candidates must start and complete their degree programme on the dates indicated in the letter of acceptance issued by the University. The Ministry of Higher Education will NOT accept requests for deferral of enrollment to a later term/following academic year. Exemptions to this rule may only be granted if the student experiences extenuating circumstances (and which are supported by evidence). Extenuating circumstances are defined as circumstances which are sudden, unexpected/unforeseen, significantly disruptive and outside of the student's control and which may negatively affect their academic performance. A deferral of studies is NOT an automatic right and a request may be refused if a deferral is deemed inappropriate and/or if insufficient supporting evidence is provided.
- 9. The Ministry of Higher Education will **NOT** accept requests for extension of the duration of the scholarship and will not grant requests for transfers to another programme, Candidates must complete their degree programme within the normal standard period stipulated (=normal) duration of their degree programme as stated in the Letter of Acceptance issued by the University;
- The Ministry of Higher Education will **NOT** accept requests for transfer to another study destination;
- 11. The Ministry of Higher Education will **NOT** accept requests for transfer to another higher education institution unless the institution concerns an institution that is ranked higher and provided this transfer does not result in a delay/extension of the studies. If it

concerns a rank *range* (instead of a number between 1-100), the University must fall in a higher rank range than the one that issued the initial offer and provided this transfer does not result in a delay/extension of the studies. It should also be noted that a number of universities within the top 100 have been given the same position (=same number) and are listed in alphabetical order (e.g. if two Universities are ranked 96, this means that they are equally ranked, etc).

- 12. The Ministry of Higher Education reserves the right to exclude applicants/candidates from the selection procedures or to cancel the scholarship *at any time* if the applicant is found in contravention of any of the scholarship terms and conditions as outlined in this announcement;
- 13. Applicants should timely submit an official letter of acceptance confirming an unconditional offer from one of the Universities approved by the Ministry of Higher Education for the National Postgraduate Scholarship Programme. All the approved Universities are selected from and ranked in the Shanghai Academic Ranking of World Universities (ARWU) 2019;
- 14. Applicants should submit an unconditional letter of acceptance stating the start and end date of the programme (total duration of the degree programme);
- 15. If the normal standard duration of the postgraduate scholarship programme (and this applies only to Doctoral degree and Medical Specialties) is at least three years or more (academic) years, additional financial support will be provided for a spouse of the scholarship recipient and maximum three children who want to travel and/or live with the scholarship recipient abroad. Family members must be living with the candidate for the whole duration of the programme. The financial support will include the following:
  - 25% of the monthly allowance paid to the recipient (this is the total sum for *all* accompanying family members and NOT per head);
  - visa fees;
  - one annual return ticket (study destination Sultanate) for each family member
     (consisting of spouse plus maximum three children)
- 16. Applicants who have previously received a Postgraduate National Scholarship but whose scholarship was terminated will be *disqualified* as an applicant for the 2020/21 National Postgraduate Scholarship Programme;
- 17. Applicants have to upload an unconditional offer letter for the academic year 2020/21;

- 18. Applicants who already enrolled in a degree programme prior to the start of the scholarship and who are funding their own studies (self-funded), can competitively apply for this scholarship provided they submit a recently issued letter or proof of enrolment issued by the higher education institution stating the student already commenced their studies, as well as the name of the programme and the start and end date.
- 19. The scholarship will commence on the date that scholarship recipients will be notified that they have been awarded a scholarship. Applicants must bear in mind that any scholarship funding granted will NOT apply to any part of the degree programme undertaken prior to the start of the scholarship;
- 20. Applicants need to make sure they provide all the right supporting documents and the information in their entire application should be true and correct;

**IMPORTANT NOTE**: Acceptance of an online application does not guarantee that the applicant will be competitively awarded a scholarship. Everyone who has submitted an online application to the Higher Education Admissions Center (HEAC) website by the relevant deadline will still have to go through a competitive and multiple-stage process. Scholarship recipients will be notified by text message and the Ministry reserves the right to exclude the candidate from the selection procedures if found in contravention of the rules and regulations for this scholarship. The Ministry reserves the right to withdraw the scholarship if scholarship recipients do not adhere to any of these aforementioned terms and conditions. Applicants who previously studied abroad have to submit the Letter of Equivalency.

IN CASE OF ANY DISCREPANCIES, THE ARABIC VERSION OF THIS ANNOUNCEMENT SHALL PREVAIL OVER THE ENGLISH VERSION OF THIS ANNOUNCEMENT.

The Ministry of Higher Education wishes all applicants the best of luck with their application!

# التخصصات المعتمدة للبرنامج الوطني للدراسات العليا وتوزيع المقاعد

## للعام الأكاديمي2020 /2021م

## إجمالي الأعداد المعتمدة للبرنامج

| Medical – تخصصات طبیه<br>Specialties | ماجستیر – Master | دکتوراه– PhD |  |
|--------------------------------------|------------------|--------------|--|
| 50                                   | 96               | 54           |  |

# LIST OF APPROVED AREAS OF STUDY FOR THE NATIONAL POSTGRADUATE PROGRAMME ACADEMIC YEAR 2020/2021

التخصصات في مجالات علوم الشرطة والأمن / المجالات العسكرية

ويشترط أن يكون المتقدم يعمل بالقطاع الأمني والعسكري

### LAW ENFORCEMENT AND POLICE SCIENCES

Omani nationals who aim to compete should apply for one of the following programmers must already work as a Law Enforcement Officer in a Government Organization

| العدد المطلوب |         | مسمى التخصص باللغة  | مسمى التخصص باللغة   | رمز البرنامج |         |  |  |
|---------------|---------|---|----------------------|--------------|---------|--|--|
| ماجستير       | دكتوراة | الإنجليزية  | العربية              | ماجستير      | دكتوراة |  |  |
| 1             | -       | Substance Abuse Studies/ Addiction Studies (specialize in learning how to identify, manage and treat individuals who are drug-impaired/ have addictive behaviors) | فحص السموم والمخدرات | MS112        | -       |  |  |
| 1             | -       | Fire Scene Investigation (specialize in Investigation or Analysis of Fires)   | تحري مسببات الحرائق  | MS107        | -       |  |  |
| 2             | _       |   | المجموع              |              |         |  |  |

## التخصصات في مجال العلوم الطبيعية والفيزيائية NATURAL, PHYSICAL AND LIFE SCIENCES

| د المطلوب | العد    | مسمى التخصص باللغة الإنجليزية  | مسمى التخصص                        | رمز البرنامج |         |
|-----------|---------|--|------------------------------------|--------------|---------|
| ماجستير   | دكتوراة | المنافق المستحق بالمستحد المواجب بيري  | باللغة العربية                     | ماجستير      | دكتوراة |
| 1         | _       | Applied Statistics   | الإحصاء التطبيقي                   | MS1900       | -       |
| 1         | 1       | Molecular Biology and/or<br>Protein Science or Protein<br>Structure  | الأحياء الجزئية وعلم<br>البروتينات | MS1901       | PH1901  |
| 1         | -       | Genetics and/or Genomics (specialize in genetic analysis/testing and/or genomics of diseases/genetic disorders caused by gene mutations) | تحليل الجينات<br>والطفرات          | MS1902       | -       |
| 2         | _       | Renewable or Sustainable<br>Energy   | علوم الطاقة                        | MS1903       | -       |
| 1         | -       | Natural Resources  | الموارد الطبيعية                   | MS1904       | -       |
| 2         | 1       | Human Biology and Cancer<br>Research   | الأحياء البشرية وبحوث<br>السرطان   | MS1905       | PH1905  |
| 1         | -       | Biotechnology  | التقنية الحيوية                    | MS1908       | -       |
| 1         | 1       | Natural Disaster<br>Management   | إدارة الكوارث الطبيعية             | MS408        | PH408   |
| 2         | 1       | Molecular Genetics/<br>Immunogenetics  | علم الوراثة الجزيئية<br>/المناعية  | MS1909       | PH1909  |
| 12        | 4       |  | المجموع                            |              |         |

In case of any discrepancies, the Arabic version of this announcement shall prevail over the English version.

### التخصصات في مجال تكنولوجيا المعلومات

### **INFORMATION TECHNOLOGY**

| العدد المطلوب |         | To Long Table   | مسمى التخصص باللغة                                 | رمز البرنامج |         |
|---------------|---------|---|--|--------------|---------|
| ماجستير       | دكتوراه | مسمى التخصص باللغة الإنجليزية   | العربية  | ماجستير      | دكتوراة |
| 1             | _       | Artificial Intelligence   | الذكاء الاصطناعي                                   | MS219        | _       |
| 1             | _       | Big Data Analysis and<br>Management                                     | تحليل وإدارة البيانات<br>الضخمة                    | MS222        | -       |
| 1             | _       | High Performance<br>Computing   | حوسبة السرعة الفائقة                               | MS223        | -       |
| 1             | _       | Data Analysis for Business<br>Intelligence                              | تحليل البيانات للذكاء<br>الإلكتروني (ذكاء الأعمال) | MS117        | _       |
| 1             | _       | Digital Journalism and Publishing (specialize in electronic publishing) | النشر الإلكتروني                                   | MS1113       | -       |
| 1             | _       | Cyber Security  | الأمن السحابي                                      | MS224        | -       |
| 6             | _       |   | المجموع  |              |         |

### التخصصات في المجالات الهندسية والتقنيات ذات الصلة

### **ENGINEERING AND RELATED TECHNOLOGIES**

| د المطلوب | العد    | مسمى التخصص باللغة  | مسمى التخصص               | <u>ن</u> امج | رمز البر |
|-----------|---------|---|---------------------------|--------------|----------|
| ماجستير   | دكتوراة | الإنجليزية  | باللغة العربية            | ماجستير      | دكتوراة  |
| 1         | _       | Coastal Engineering   | هندسة الشواطئ             | MS725        | -        |
| 1         | _       | Medical Device Engineering (specialize in the development and quality control of medical devices) | هندسة المعدات<br>الطبية   | MS727        | 1        |
| 1         | _       | Biomedical Engineering  | الهندسة الحيوية<br>الطبية | MS736        | -        |
| 1         | _       | Mining Engineering  | هندسة التعدين             | MS728        | -        |
| 1         | _       | Landscape Design/<br>Architecture   | تصميم الحدائق             | MS729        | -        |
| 1         | _       | Corrosion Engineering   | هندسة التآكل              | MS730        | _        |
| 1         | _       | Transport and Traffic<br>Engineering  | هندسة الطرق<br>والمرور    | MS731        | -        |
| 1         | _       | Structural and Bridge<br>Engineering  | هندسة إنشاءات<br>الجسور   | MS733        | -        |
| 1         | 1       | Architectural<br>Engineering  | هندسة معمارية             | MS734        | PH734    |
| 1         | _       | Mechanical<br>Engineering   | هندسة ميكانيكية           | MS704        | -        |
| 1         | _       | Chemical Engineering  | هندسة كيميائية            | MS735        | -        |
| 11        | 1       |   | المجموع                   |              |          |

In case of any discrepancies, the Arabic version of this announcement shall prevail over the English version.

## التخصصات في مجال الزراعة والبيئة والدراسات ذات الصلة AGRICULTURE, ENVIRONMENT AND RELATED AREAS

| المطلوب | العدد   | مسمى التخصص باللغة                                     | مسمى التخصص باللغة         | ز البرنامج | <b>م</b> ا |
|---------|---------|--|----------------------------|------------|------------|
| ماجستير | دكتوراة | الإنجليزية   | العربية                    | ماجستير    | دكتوراة    |
| 1       | -       | Aquaculture and Fisheries (specialize in fish farming) | تربية الأحياء المائية      | MS517      | -          |
| 1       | _       | Plant Breeding &<br>Production                         | إنتاج نباتي                | MS520      | _          |
| 1       | 1       | Animal Husbandry<br>(Breeding)                         | إنتاج حيواني               | MS522      | PH522      |
| 1       | -       | Wildlife<br>Management &<br>Conservation               | إدارة الحياة البرية        | MS516      | -          |
| 1       | -       | Environmental<br>Policy and<br>Regulation              | السياسات والقوانين البيئية | MS523      | -          |
| 5       | 1       |  | المجموع                    |            |            |

In case of any discrepancies, the Arabic version of this announcement shall prevail over the English version.

### التخصصات في المجالات التربوية

### **EDUCATION**

### Applicants who aim to competitively apply for a scholarship in one of the following areas of

| طلوب    | العدد الم | Total San Tanna a sen   | مسمى التخصص                                      | بامج    | رمز البرا |
|---------|-----------|---|--|---------|-----------|
| ماجستير | دكتوراة   | مسمى التخصص باللغة الإنجليزية باللغة العربية  |  | ماجستير | دكتوراة   |
| _       | 1         | Educational Psychology  | علم النفس التربوي                                | _       | PH1415    |
| 1       | -         | Educational Media Studies (specialize in communication with the public or third parties about Education)                                | إعلام تربوي                                      | MS1418  | -         |
| 1       | -         | Curricula and Methods of Teaching Science (specialize in pedagogy of science teaching methods & techniques)                             | مناهج وطرق تدريس<br>العلوم                       | MS1421  | -         |
| 1       | -         | Curricula and Methods of Teaching Mathematics (specialize in pedagogy of Mathematics teaching methods & techniques)                     | مناهج وطرق تدريس<br>الرياضيات                    | MS1425  |           |
| 1       | -         | Inclusive Education (specialize in enhancing the learning experience of those with learning difficulties in mathematics or dyscalculia) | صعوبات التعلم<br>للرياضيات                       | MS1422  | -         |
| 1       | _         | Curricula and Methods of<br>Teaching Fine Arts  | مناهج وطرق تدريس<br>الفنون التشكيلية             | MS1424  | -         |
| _       | 1         | Educational evaluation and Assessment studies   | دراسات القياس<br>والتقويم التربوي                | -       | PH1417    |
| 1       | 1         | Instructional and learning technology   | تكنولوجيا التعليم<br>والتعلم                     | MS1426  | PH1426    |
| 1       | -         | studies in educational of gifted students   | الدراسات التربوية في<br>مجال الطلاب<br>الموهوبين | MS1427  | -         |
| 7       | 3         |   | المجموع  |         |           |
|         | alasad as | k as 'educationalists' in a Govern  | ment or Private Ed                               |         | er er .   |

study, must already work as 'educationalists' in a Government or Private *Educational Institution* or in ministry of education

### التخصصات في مجال الإدارة والمعاملات التجارية MANAGEMENT, FINANCE AND BUSINESS

| . المطلوب | العدد   | مسمى التخصص باللغة   | مسمى التخصص باللغة                            | رمز البرنامج |         |
|-----------|---------|--|---|--------------|---------|
| ماجستير   | دكتوراه | الإنجليزية   | العربية                                       | ماجستير      | دكتوراة |
| 1         | 1       | Financial Economics  | الاقتصاد المالي                               | MS2000       | PH2000  |
| 2         | _       | Financial Risk<br>Management                                   | إدارة المخاطر المالية                         | MS2002       | -       |
| 2         | _       | Economic Studies   | الدراسات الاقتصادية                           | MS2012       | _       |
| 1         |         | Financial Analyses   | التحليل المالي                                | MS2013       | -       |
| 1         | _       | International Marketing  | التسويق الدولي                                | MS2010       | _       |
| 1         | _       | Tourism Marketing  | التسويق السياحي                               | MS2011       | -       |
| 1         | 1       | Sustainable Tourism  Management and  Planning                  | التخطيط والإدارة السياحية<br>المستدامة        | MS2007       | PH2007  |
| 1         | _       | Sport Management /<br>Sport Event<br>Management                | التخطيط الرياضي / إدارة<br>الفعاليات الرياضية | MS929        | _       |
| 1         | 1       | Strategic Planning (for major projects)                        | التخطيط<br>الاستراتيجي(للمشاريع<br>الكبرى)    | MS2014       | PH2014  |
| 1         | _       | Natural Resources<br>Economics                                 | اقتصاد الموارد الطبيعية                       | MS1507       | -       |
| 1         | _       | Actuarial science  | الدراسات الإكتوارية                           | MS2015       | •       |
| 1         |         | Social Security  | الأمان الاجتماعي                              | MS2016       | -       |
| 1         | _       | Entrepreneurship<br>Studies                                    | دارسات في ريادة الأعمال                       | MS2017       | •       |
| 2         | 1       | Workforce Education<br>and Development<br>(Leadership Studies) | إدارة التدريب والتأهيل والإدارة المؤسسية      | MS2008       | PH2008  |
| 17        | 4       |  | المجموع                                       |              |         |

### التخصصات في مجال المجتمع والثقافة والأسرة

### **SOCIAL SCIENCES**

| المطلوب | العدد   | 7.1.1.180 7210   | مسمى التخصص باللغة   | امج     | رمز البرن |
|---------|---------|--|--|---------|-----------|
| ماجستير | دكتوراة | مسمى التخصص باللغة الإنجليزية  | العربية  | ماجستير | دكتوراة   |
| 1       | ı       | Archaeology  | علم الآثار   | MS816   | •         |
| -       | 2       | History (Omani history from the 6th to the 9thcentury AD in the area of political and military or Social and Cultural studies through the Documents and manuscripts) | تاريخ (التاريخ العماني من القرن التاريخ العماني من القرن التاسع بعد الميلاد في مجال دراسات الوثائق والمخطوطات العمانية السياسية والعسكرية او الثقافية) | -       | PH872     |
| 1       | -       | International Criminal Law   | القانون الدولي الجنائي   | MS803   | _         |
| _       | 1       | Intellectual Property Law  | قانون الملكية الفكرية  | -       | PH804     |
| 1       | _       | Patent Law   | قانون براءة الاختراع   | MS805   | -         |
| 1       | -       | Administrative Law   | القانون الإداري  | MS819   | -         |
| 1       | ı       | Anti-Corruption Studies  | دراسات مكافحة الفساد   | MS830   | 1         |
| 1       | -       | Social Demography  | الديموغرافية الاجتماعية  | MS831   | 1         |
| 1       | _       | <b>Autism</b> Studies  | دراسات التوحد  | MS832   | -         |
| 1       | 1       | Habilitation Disability Studies (specialize in supporting people with disabilities to attain, keep or improve skills for daily living)                               | دراسات تأهيل ذو <i>ي</i><br>الإعاقة  | MS833   | PH833     |
| 1       | _       | <b>Behavioral</b> Studies  | الدراسات السلوكية  | MS834   | -         |
| 1       | _       | Speech & Language Therapy  | علاج النطق   | MS835   | -         |
| 1       | 1       | Early Childhood Education (specialize in child education)  | رعاية الطفولة المبكرة  | MS840   | PH840     |
| 1       | -       | International Relations  | العلاقات الدولية   | MS870   | _         |
| 1       | -       | Psychology   | علم نفس  | MS871   | -         |
| 1       | -       | Vocational Guidance  | التوجيه المهني   | MS1404  | 1         |
| 14      | 5       |  | المجموع  |         |           |

### التخصصات في المجالات الأكاديمية:ACADEMIC PROGRAMS

## ويشترط أن يكون المتقدم يعمل أكاديميًا بإحدى مؤسسات التعليم العالي الحكومية أو الخاصة بالسلطنة

(بمعنى أن يكون المتقدم يعمل أكاديميًا في الكليات والجامعات الحكومية والخاصة داخل السلطنة)

**ACADEMIC PROGRAMS**: Applicants, who aim to competitively apply for one of the following programs, must already be employed as higher education lecturers at one of the Government or

| العدد المطلوب |         | المجال باللغة الإنجليزية                     | المجال باللغة العربية                   | رمز المجال |         |
|---------------|---------|--|---|------------|---------|
| ماجستير       | دكتوراه | <u></u>                                      |   | ماجستير    | دكتوراه |
| 2             | 4       | Management and Business                      | الإدارة والتجارة<br>والاعمال            | MS1100     | PH1100  |
| -             | 4       | Education                                    | التربية                                 | -          | PH1101  |
| -             | 5       | Society and Culture                          | الثقافة والمجتمع                        | -          | PH1102  |
| 2             | 2       | Agriculture, Environment and Related Studies | الزراعة والبيئة والعلوم<br>المرتبطة بها | MS1103     | PH1103  |
| 6             | 4       | Health Sciences and<br>Technologies          | العلوم الصحة                            | MS1104     | PH1104  |
| -             | 5       | Natural and Physical Sciences                | العلوم الطبيعية والفيزيائية             | -          | PH1105  |
| -             | 2       | Architecture and Building/Construction       | العمارة والإنشاء                        | -          | PH1106  |
| 4             | 1       | Creative Arts                                | الفنون الإبداعية                        | MS1107     | PH1107  |
| -             | 4       | Engineering and Related<br>Technologies      | الهندسة والتكنولوجيا<br>المرتبطة بها    | -          | PH1108  |
| -             | 5       | Information Sciences and<br>Technology       | تكنولوجيا المعلومات                     | -          | PH1109  |
| 14            | 36      |  | المجموع                                 |            |         |

private Higher Education Institutions in the Sultanate.

### التخصصات الطبية للحصول على مؤهل الاختصاص والزمالة

### **MEDICAL SPECIALTIES: RESIDENCY AND FELLOWSHIP**

| مسمى التخصص باللغة الإنجليزية | مسمى التخصص باللغة العربية | رنامج | رمز الب |
|-------------------------------|----------------------------|-------|---------|
| Anesthesia                    | التخدير                    | FE034 | RE034   |
| Biochemistry                  | الكيمياء الحيوية           | FE027 | RE027   |
| Cardiac Surgery               | جراحة القلب                | FE013 | RE013   |
| Dermatology                   | الجلد                      | FE032 | RE032   |
| Emergency Medicine            | طب الطوارئ                 | FE019 | RE019   |
| ENT                           | أنف وأذن وحنجرة            | FE005 | RE005   |
| Family Medicine               | طب الأسرة                  | FE022 | RE022   |
| General Medicine              | جراحة عامة                 | FE001 | RE001   |
| Hematopathology               | باثولوجيا الدم             | FE042 | RE042   |
| Histopathology                | التشريح                    | FE043 | RE043   |
| Internal Medicine             | الطب الباطني               | FE031 | RE031   |
| Neurology                     | علم الأعصاب                | FE015 | RE015   |

### التخصصات الطبية للحصول على مؤهل الاختصاص والزمالة

### **MEDICAL SPECIALTIES: RESIDENCY AND FELLOWSHIP**

| مسمى التخصص باللغة الإنجليزية               | مسمى التخصص باللغة العربية | برنامج | رمز الب |
|---|----------------------------|--------|---------|
|   |                            | زمالة  | اختصاص  |
| Neurosurgery                                | جراحة الأعصاب              | FE002  | RE002   |
| OBGYN<br>(Obstetrics and Gynecology)        | أمراض النساء والولادة      | FE014  | RE014   |
| OMFS<br>(Oral and Maxillofacial<br>Surgery) | جراحة الوجه والفكين        | FE007  | RE007   |
| Ophthalmology                               | طب العيون                  | FE006  | RE006   |
| Orthopedics                                 | جراحة العظام               | FE004  | RE004   |
| Pediatrics                                  | طب الأطفال                 | FE020  | RE020   |
| Plastic and Reconstructive<br>Surgery       | الجراحة التجميلية          | FE009  | RE009   |
| Psychiatry                                  | الطب النفسي                | FE044  | RE044   |
| Radiation Oncology                          | العلاج الإشعاعي            | FE045  | RE045   |
| Radiology                                   | الأشعة                     | FE033  | RE033   |
| Urologic Surgery                            | جراحة المسالك البولية      | FE003  | RE003   |
| Medical Oncology                            | طب الأورام                 | FE046  | RE046   |
| Vascular Surgery                            | جراحة الأوعية الدموية      | FE047  | RE047   |
| Dental Surgery                              | جراحة الأسنان              | FE041  | RE041   |

### التخصصات في المجالات الطبية المساعدة

### **ALLIED HEALTH SCIENCES**

Applicants, who aim to competitive apply for one of the following programs, must be employed at one of the Reference Hospitals or at one of the Medical Institutions in the Sultanate.

| مطلوب   | العدد ال | مسمى التخصص باللغة                       | مسمى التخصص باللغة             | رمز البرنامج |         |
|---------|----------|--|--------------------------------|--------------|---------|
| ماجستير | دكتوراه  | الإنجليزية                               | العربية                        | ماجستير      | دكتوراه |
| 2       | -        | Advanced Nursing<br>Practices            | التمريض الإكلينيكي<br>المتقدم  | MAH331       | -       |
| 1       | -        | Clinical Pharmacy                        | الصيدلة الإكلينيكية            | MAH332       | -       |
| 1       | -        | Radio pharmacy and<br>PET Radiochemistry | الصيدلة الإشعاعية              | МАН333       | -       |
| 1       | -        | Flow Cytometry                           | تدفق الخلايا                   | MAH334       |         |
| 1       | _        | Diagnostic and Radiation Protection      | التشخيص والحماية من<br>الإشعاع | MAH335       |         |
| 1       | _        | Pharmacology                             | علم الأدوية                    | МАН336       |         |
| 1       | _        | <b>Epidemiology</b><br>Studies           | دراسات الأمراض<br>الوبائية     | MAH337       |         |
| 8       |          |  | المجموع                        |              |         |

Universities approved for the National Postgraduate Scholarship program: academic year 2020/21

|               |             | program: doddenno year 2020/21               |
|---------------|-------------|--|
| POSITION IN   |             |  |
| SHANGHAI ARWU |             |  |
| LEAGUE TABLE  | STUDY       |  |
| 2019          | DESTINATION | UNIVERSITY NAME                              |
| 1             | USA         | Harvard University                           |
| 2             | USA         | Stanford University                          |
| 3             | UK          | University of Cambridge                      |
| 4             | USA         | Massachusetts Institute of Technology (MIT)  |
| 5             | USA         | University of California, Berkeley           |
| 6             | USA         | Princeton University                         |
| 7             | UK          | University of Oxford                         |
| 8             | USA         | Columbia University                          |
| 9             | USA         | California Institute of Technology           |
| 10            | USA         | University of Chicago                        |
| 11            | USA         | University of California, Los Angeles        |
| 11            | USA         | Yale University                              |
| 13            | USA         | Cornell University                           |
| 14            | USA         | University of Washington                     |
| 15            | UK          | University College London                    |
| 16            | USA         | Johns Hopkins University                     |
| 17            | USA         | University of Pennsylvania                   |
| 18            | USA         | University of California, San Diego          |
| 19            | SWITZERLAND | Swiss Federal Institute of Technology Zurich |
| 20            | USA         | University of California, San Francisco      |
| 20            | USA         | University of Michigan-Ann Arbor             |
| 22            | USA         | Washington University in St. Louis           |
| 23            | UK          | Imperial College London                      |

| 24 | CANADA      | University of Toronto   |
|----|-------------|---|
| 25 | JAPAN       | The University of Tokyo                                       |
| 26 | DENMARK     | University of Copenhagen                                      |
| 27 | USA         | University of Wisconsin - Madison                             |
| 28 | USA         | Duke University   |
| 29 | USA         | Northwestern University                                       |
| 30 | USA         | New York University   |
| 31 | UK          | The University of Edinburgh                                   |
| 32 | JAPAN       | Kyoto University  |
| 33 | UK          | The University of Manchester                                  |
| 33 | USA         | University of North Carolina at Chapel Hill                   |
| 35 | USA         | Rockefeller University  |
| 35 | CANADA      | University of British Columbia                                |
| 37 | FRANCE      | University of Paris-Sud (Paris 11)                            |
| 38 | SWEDEN      | Karolinska Institute  |
| 38 | USA         | University of Colorado at Boulder                             |
| 38 | USA         | University of Illinois at Urbana-Champaign                    |
| 41 | AUSTRALIA   | The University of Melbourne                                   |
| 41 | USA         | University of Minnesota, Twin Cities                          |
| 44 | FRANCE      | Sorbonne University   |
| 45 | USA         | The University of Texas at Austin                             |
| 46 | USA         | University of Maryland, College Park                          |
| 47 | GERMANY     | Heidelberg University   |
| 48 | USA         | University of California, Santa Barbara                       |
| 49 | USA         | The University of Texas Southwestern Medical Center at Dallas |
| 49 | NETHERLANDS | Utrecht University  |
| 51 | UK          | King's College London   |
| 52 | GERMANY     | University of Munich  |
| 54 | AUSTRALIA   | The University of Queensland                                  |
| 55 | USA         | University of Southern California                             |
| 55 | USA         | Vanderbilt University   |
| 57 | GERMANY     | Technical University Munich                                   |

| 58 | SWITZERLAND | University of Geneva                                 |
|----|-------------|--|
| 59 | NORWAY      | University of Oslo                                   |
| 60 | DENMARK     | Aarhus University                                    |
| 61 | SWITZERLAND | University of Zurich                                 |
| 62 | SWEDEN      | Uppsala University                                   |
| 63 | FINLAND     | University of Helsinki                               |
| 64 | UK          | University of Bristol                                |
| 65 | NETHERLANDS | University of Groningen                              |
| 66 | BELGIUM     | Ghent University                                     |
| 67 | SINGAPORE   | National University of Singapore                     |
| 68 | NETHERLANDS | Erasmus University Rotterdam                         |
| 68 | USA         | The University of Texas M. D. Anderson Cancer Center |
| 70 | GERMANY     | University of Bonn                                   |
| 72 | USA         | Purdue University - West Lafayette                   |
| 73 | AUSTRALIA   | Monash University                                    |
| 73 | SINGAPORE   | Nanyang Technological University                     |
| 73 | SWEDEN      | Stockholm University                                 |
| 76 | USA         | Boston University                                    |
| 76 | AUSTRALIA   | The Australian National University                   |
| 78 | SWITZERLAND | Swiss Federal Institute of Technology Lausanne       |
| 79 | FRANCE      | Ecole Normale Superieure - Paris                     |
| 80 | USA         | University of California, Irvine                     |
| 80 | AUSTRALIA   | University of Sydney                                 |
| 82 | NETHERLANDS | Leiden University                                    |
| 84 | USA         | Brown University                                     |
| 85 | BELGIUM     | KU Leuven  |
| 87 | SWITZERLAND | University of Basel                                  |
| 89 | USA         | University of Pittsburgh, Pittsburgh Campus          |
| 90 | CANADA      | McGill University                                    |
| 90 | CANADA      | McMaster University                                  |
| 90 | JAPAN       | Nagoya University                                    |
| 90 | USA         | University of California, Davis                      |

| 94      | AUSTRALIA   | The University of New South Wales                           |
|---------|-------------|---|
| 95      | USA         | Carnegie Mellon University                                  |
| 95      | USA         | Rice University   |
| 95      | USA         | University of Florida                                       |
| 98      | USA         | Pennsylvania State University - University Park             |
| 99      | AUSTRALIA   | The University of Western Australia                         |
| 100     | USA         | The Ohio State University - Columbus                        |
| 101-150 | FRANCE      | Aix Marseille University                                    |
| 101-150 | USA         | Arizona State University                                    |
| 101-150 | USA         | Baylor College of Medicine                                  |
| 101-150 | UK          | Cardiff University  |
| 101-150 | USA         | Case Western Reserve University                             |
| 101-150 | USA         | Emory University  |
| 101-150 | USA         | Georgia Institute of Technology                             |
| 101-150 | USA         | Icahn School of Medicine at Mount Sinai                     |
| 101-150 | USA         | Indiana University Bloomington                              |
| 101-150 | SWEDEN      | Lund University   |
| 101-150 | USA         | Mayo Medical School   |
| 101-150 | USA         | Michigan State University                                   |
| 101-150 | NORWAY      | Norwegian University of Science and Technology - NTNU       |
| 101-150 | NETHERLANDS | Radboud University Nijmegen                                 |
| 101-150 | USA         | Rutgers, The State University of New Jersey - New Brunswick |
| 101-150 | DENMARK     | Technical University of Denmark                             |
| 101-150 | AUSTRALIA   | The University of Adelaide                                  |
| 101-150 | UK          | The University of Sheffield                                 |
| 101-150 | JAPAN       | Tohoku University   |
| 101-150 | JAPAN       | Tokyo Institute of Technology                               |
| 101-150 | FRANCE      | Université Grenoble Alpes                                   |
| 101-150 | CANADA      | University of Alberta                                       |
| 101-150 | NETHERLANDS | University of Amsterdam                                     |
| 101-150 | USA         | University of Arizona                                       |
| 101-150 | SWITZERLAND | University of Bern  |

| 101-150 | UK          | University of Birmingham                         |
|---------|-------------|--|
| 101-150 | USA         | University of California, Santa Cruz             |
| 101-150 | GERMANY     | University of Frankfurt                          |
| 101-150 | GERMANY     | University of Freiburg                           |
| 101-150 | GERMANY     | University of Goettingen                         |
| 101-150 | UK          | University of Leeds                              |
| 101-150 | UK          | University of Liverpool                          |
| 101-150 | UK          | University of Nottingham                         |
| 101-150 | UK          | University of Southampton                        |
| 101-150 | FRANCE      | University of Strasbourg                         |
| 101-150 | USA         | University of Utah                               |
| 101-150 | UK          | University of Warwick                            |
| 101-150 | FRANCE      | University Paris Diderot - Paris 7               |
| 101-150 | NETHERLANDS | VU University Amsterdam                          |
| 151-200 | BELGIUM     | Catholic University of Louvain                   |
| 151-200 | NETHERLANDS | Delft University of Technology                   |
| 151-200 | JAPAN       | Hokkaido University                              |
| 151-200 | UK          | London School of Economics and Political Science |
| 151-200 | JAPAN       | Osaka University                                 |
| 151-200 | UK          | Queen Mary University of London                  |
| 151-200 | ITALY       | Sapienza University of Rome                      |
| 151-200 | USA         | Texas A&M University                             |
| 151-200 | CANADA      | The University of Calgary                        |
| 151-200 | UK          | The University of Glasgow                        |
| 151-200 | IRELAND     | Trinity College Dublin                           |
| 151-200 | USA         | Tufts University                                 |
| 151-200 | BELGIUM     | Université libre de Bruxelles (ULB)              |
| 151-200 | SPAIN       | University of Barcelona                          |
| 151-200 | USA         | University of California, Riverside              |
| 151-200 | GERMANY     | University of Cologne                            |
| 151-200 | UK          | University of Exeter                             |
| 151-200 | SWEDEN      | University of Gothenburg                         |

| 151-200 | SWITZERLAND | University of Lausanne                                 |
|---------|-------------|--|
| 151-200 | PORTUGAL    | University of Lisbon                                   |
| 151-200 | USA         | University of Massachusetts Amherst                    |
| 151-200 | USA         | University of Massachusetts Medical School - Worcester |
| 151-200 | ITALY       | University of Milan                                    |
| 151-200 | USA         | University of Missouri - Columbia                      |
| 151-200 | FRANCE      | University of Montpellier                              |
| 151-200 | CANADA      | University of Montreal                                 |
| 151-200 | GERMANY     | University of Muenster                                 |
| 151-200 | CANADA      | University of Ottawa                                   |
| 151-200 | FRANCE      | University of Paris Descartes (Paris 5)                |
| 151-200 | ITALY       | University of Pisa                                     |
| 151-200 | USA         | University of Rochester                                |
| 151-200 | UK          | University of Sussex                                   |
| 151-200 | GERMANY     | University of Tuebingen                                |
| 151-200 | AUSTRIA     | University of Vienna                                   |
| 151-200 | USA         | University of Virginia                                 |
| 151-200 | NETHERLANDS | University of Wageningen                               |
| 151-200 | CANADA      | University of Waterloo                                 |
| 201-300 | DENMARK     | Aalborg University                                     |
| 201-300 | SPAIN       | Autonomous University of Barcelona                     |
| 201-300 | FRANCE      | Claude Bernard University Lyon 1                       |
| 201-300 | USA         | Colorado State University                              |
| 201-300 | SPAIN       | Complutense University of Madrid                       |
| 201-300 | AUSTRALIA   | Curtin University                                      |
| 201-300 | CANADA      | Dalhousie University                                   |
| 201-300 | AUSTRALIA   | Deakin University                                      |
| 201-300 | UK          | Durham University                                      |
| 201-300 | USA         | Florida State University                               |
| 201-300 | USA         | George Mason University                                |
| 201-300 | USA         | Iowa State University                                  |
| 201-300 | AUSTRALIA   | James Cook University                                  |

| 201-300 | GERMANY      | Karlsruhe Institute of Technology (KIT)                  |
|---------|--------------|--|
| 201-300 | SWEDEN       | KTH Royal Institute of Technology                        |
| 201-300 | JAPAN        | Kyushu University  |
| 201-300 | CANADA       | Laval University   |
| 201-300 | UK           | London School of Hygiene & Tropical Medicine             |
| 201-300 | NETHERLANDS  | Maastricht University                                    |
| 201-300 | AUSTRALIA    | Macquarie University                                     |
| 201-300 | AUSTRIA      | Medical University of Vienna                             |
| 201-300 | UK           | Newcastle University                                     |
| 201-300 | USA          | North Carolina State University - Raleigh                |
| 201-300 | USA          | Northeastern University (Boston)                         |
| 201-300 | USA          | Oregon Health and Science University                     |
| 201-300 | USA          | Oregon State University                                  |
| 201-300 | FRANCE       | Paul Sabatier University (Toulouse 3)                    |
| 201-300 | ITALY        | Polytechnic Institute of Milan                           |
| 201-300 | GERMANY      | RWTH Aachen University                                   |
| 201-300 | USA          | Stony Brook University                                   |
| 201-300 | USA          | The George Washington University                         |
| 201-300 | NEW ZEALAND  | The University of Auckland                               |
| 201-300 | USA          | The University of Georgia                                |
| 201-300 | USA          | The University of Texas Health Science Center at Houston |
| 201-300 | GERMANY      | TU Dresden   |
| 201-300 | UK           | University of Aberdeen                                   |
| 201-300 | USA          | University of Alabama at Birmingham                      |
| 201-300 | BELGIUM      | University of Antwerp                                    |
| 201-300 | ITALY        | University of Bologna                                    |
| 201-300 | FRANCE       | University of Bordeaux                                   |
| 201-300 | SOUTH AFRICA | University of Cape Town                                  |
| 201-300 | USA          | University of Connecticut                                |
| 201-300 | USA          | University of Delaware                                   |
| 201-300 | GERMANY      | University of Duesseldorf                                |
| 201-300 | UK           | University of East Anglia                                |

| 201-300 | GERMANY      | University of Erlangen-Nuremberg                    |
|---------|--------------|---|
| 201-300 | ITALY        | University of Florence                              |
| 201-300 | SPAIN        | University of Granada                               |
| 201-300 | GERMANY      | University of Hamburg                               |
| 201-300 | USA          | University of Hawaii at Manoa                       |
| 201-300 | USA          | University of Houston                               |
| 201-300 | USA          | University of Illinois at Chicago                   |
| 201-300 | AUSTRIA      | University of Innsbruck                             |
| 201-300 | USA          | University of Iowa                                  |
| 201-300 | USA          | University of Kansas                                |
| 201-300 | GERMANY      | University of Kiel                                  |
| 201-300 | GERMANY      | University of Leipzig                               |
| 201-300 | BELGIUM      | University of Liege                                 |
| 201-300 | GERMANY      | University of Mainz                                 |
| 201-300 | USA          | University of Maryland, Baltimore                   |
| 201-300 | USA          | University of Miami                                 |
| 201-300 | USA          | University of Nebraska - Lincoln                    |
| 201-300 | ITALY        | University of Padua                                 |
| 201-300 | USA          | University of South Florida                         |
| 201-300 | AUSTRALIA    | University of Tasmania                              |
| 201-300 | AUSTRALIA    | University of Technology Sydney                     |
| 201-300 | USA          | University of Tennessee - Knoxville                 |
| 201-300 | SOUTH AFRICA | University of the Witwatersrand                     |
| 201-300 | FRANCE       | University of Toulouse 1                            |
| 201-300 | JAPAN        | University of Tsukuba                               |
| 201-300 | ITALY        | University of Turin                                 |
| 201-300 | GERMANY      | University of Ulm                                   |
| 201-300 | SPAIN        | University of Valencia                              |
| 201-300 | AUSTRALIA    | University of Wollongong                            |
| 201-300 | GERMANY      | University of Wuerzburg                             |
| 201-300 | USA          | Virginia Commonwealth University                    |
| 201-300 | USA          | Virginia Polytechnic Institute and State University |

| 201-300 | BELGIUM     | Vrije Universiteit Brussel (VUB)                     |
|---------|-------------|--|
| 201-300 | CANADA      | Western University                                   |
| 201-300 | USA         | Yeshiva University                                   |
| 301-400 | FINLAND     | Aalto University                                     |
| 301-400 | SPAIN       | Autonomous University of Madrid                      |
| 301-400 | USA         | Brandeis University                                  |
| 301-400 | SWEDEN      | Chalmers University of Technology                    |
| 301-400 | USA         | Dartmouth College                                    |
| 301-400 | USA         | Drexel University                                    |
| 301-400 | FRANCE      | Ecole Normale Superieure - Lyon                      |
| 301-400 | FRANCE      | Ecole Polytechnique                                  |
| 301-400 | NETHERLANDS | Eindhoven University of Technology                   |
| 301-400 | FRANCE      | ESPCI ParisTech                                      |
| 301-400 | USA         | Georgetown University                                |
| 301-400 | AUSTRALIA   | Griffith University                                  |
| 301-400 | GERMANY     | Hannover Medical School                              |
| 301-400 | USA         | Indiana University-Purdue University at Indianapolis |
| 301-400 | POLAND      | Jagiellonian University                              |
| 301-400 | USA         | Kansas State University                              |
| 301-400 | JAPAN       | Keio University                                      |
| 301-400 | AUSTRALIA   | La Trobe University                                  |
| 301-400 | UK          | Lancaster University                                 |
| 301-400 | SWEDEN      | Linkoping University                                 |
| 301-400 | USA         | Louisiana State University - Baton Rouge             |
| 301-400 | GREECE      | National and Kapodistrian University of Athens       |
| 301-400 | FRANCE      | Paris Dauphine University (Paris 9)                  |
| 301-400 | SPAIN       | Pompeu Fabra University                              |
| 301-400 | CANADA      | Queen's University                                   |
| 301-400 | UK          | Queen's University Belfast                           |
| 301-400 | AUSTRALIA   | Queensland University of Technology                  |
| 301-400 | USA         | Rensselaer Polytechnic Institute                     |
| 301-400 | AUSTRALIA   | RMIT University                                      |

| 301-400 | CANADA      | Simon Fraser University                                      |
|---------|-------------|--|
| 301-400 | SWEDEN      | Swedish University of Agricultural Sciences                  |
| 301-400 | AUSTRALIA   | Swinburne University of Technology                           |
| 301-400 | GERMANY     | Technical University of Berlin                               |
| 301-400 | USA         | Temple University  |
| 301-400 | UK          | The University of Dundee                                     |
| 301-400 | USA         | The University of New Mexico - Albuquerque                   |
| 301-400 | UK          | The University of Reading                                    |
| 301-400 | USA         | The University of Texas at Dallas                            |
| 301-400 | USA         | The University of Texas Health Science Center at San Antonio |
| 301-400 | USA         | University at Buffalo, the State University of New York      |
| 301-400 | IRELAND     | University College Dublin                                    |
| 301-400 | NORWAY      | University of Bergen   |
| 301-400 | GERMANY     | University of Bochum   |
| 301-400 | USA         | University of Central Florida                                |
| 301-400 | USA         | University of Cincinnati                                     |
| 301-400 | USA         | University of Colorado at Denver                             |
| 301-400 | GERMANY     | University of Duisburg-Essen                                 |
| 301-400 | CANADA      | University of Guelph   |
| 301-400 | GERMANY     | University of Jena   |
| 301-400 | USA         | University of Kentucky                                       |
| 301-400 | UK          | University of Leicester                                      |
| 301-400 | FRANCE      | University of Lille  |
| 301-400 | FRANCE      | University of Lorraine                                       |
| 301-400 | CANADA      | University of Manitoba                                       |
| 301-400 | ITALY       | University of Naples Federico II                             |
| 301-400 | USA         | University of Notre Dame                                     |
| 301-400 | USA         | University of Oregon   |
| 301-400 | NEW ZEALAND | University of Otago  |
| 301-400 | FINLAND     | University of Oulu   |
| 301-400 | ITALY       | University of Pavia  |
| 301-400 | PORTUGAL    | University of Porto  |

| 301-400 | CANADA      | University of Saskatchewan                 |
|---------|-------------|--|
| 301-400 | USA         | University of South Carolina - Columbia    |
| 301-400 | DENMARK     | University of Southern Denmark             |
| 301-400 | UK          | University of St Andrews                   |
| 301-400 | GERMANY     | University of Stuttgart                    |
| 301-400 | UK          | University of Surrey                       |
| 301-400 | FINLAND     | University of Turku                        |
| 301-400 | USA         | University of Vermont                      |
| 301-400 | CANADA      | University of Victoria                     |
| 301-400 | AUSTRALIA   | University of Western Sydney               |
| 301-400 | UK          | University of York                         |
| 301-400 | NEW ZEALAND | Victoria University of Wellington          |
| 301-400 | AUSTRIA     | Vienna University of Technology            |
| 301-400 | USA         | Washington State University                |
| 401-500 | GREECE      | Aristotle University of Thessaloniki       |
| 401-500 | USA         | Boston College                             |
| 401-500 | USA         | Brigham Young University                   |
| 401-500 | ITALY       | Catholic University of the Sacred Heart    |
| 401-500 | JAPAN       | Chiba University                           |
| 401-500 | USA         | City University of New York City College   |
| 401-500 | USA         | Clemson University                         |
| 401-500 | USA         | CUNY Graduate School and University Center |
| 401-500 | AUSTRALIA   | Flinders University                        |
| 401-500 | USA         | Florida International University           |
| 401-500 | JAPAN       | Kobe University                            |
| 401-500 | AUSTRIA     | Medical University of Innsbruck            |
| 401-500 | USA         | Medical University of South Carolina       |
| 401-500 | FRANCE      | MINES ParisTech                            |
| 401-500 | PORTUGAL    | New University of Lisbon                   |
| 401-500 | JAPAN       | Okayama University                         |
| 401-500 | SPAIN       | Polytechnic University of Valencia         |
| 401-500 | USA         | Saint Louis University                     |

| 401-500 | ITALY        | Scuola Normale Superiore - Pisa                     |
|---------|--------------|---|
| 401-500 | SOUTH AFRICA | Stellenbosch University                             |
| 401-500 | SWEDEN       | Stockholm School of Economics                       |
| 401-500 | UK           | Swansea University                                  |
| 401-500 | AUSTRALIA    | The University of Newcastle, Australia              |
| 401-500 | USA          | Thomas Jefferson University                         |
| 401-500 | JAPAN        | Tokyo University of Science                         |
| 401-500 | USA          | Tulane University                                   |
| 401-500 | SWEDEN       | Umea University                                     |
| 401-500 | USA          | University at Albany (State University of New York) |
| 401-500 | IRELAND      | University College Cork                             |
| 401-500 | UK           | University of Bath                                  |
| 401-500 | USA          | University of California, Merced                    |
| 401-500 | NEW ZEALAND  | University of Canterbury                            |
| 401-500 | FINLAND      | University of Eastern Finland                       |
| 401-500 | SWITZERLAND  | University of Fribourg                              |
| 401-500 | ITALY        | University of Genoa                                 |
| 401-500 | AUSTRIA      | University of Graz                                  |
| 401-500 | GERMANY      | University of Halle-Wittenberg                      |
| 401-500 | GERMANY      | University of Konstanz                              |
| 401-500 | SOUTH AFRICA | University of KwaZulu-Natal                         |
| 401-500 | ITALY        | University of Milan - Bicocca                       |
| 401-500 | PORTUGAL     | University of Minho                                 |
| 401-500 | USA          | University of Montana - Missoula                    |
| 401-500 | USA          | University of North Texas                           |
| 401-500 | USA          | University of Oklahoma - Norman                     |
| 401-500 | SPAIN        | University of Oviedo                                |
| 401-500 | ITALY        | University of Perugia                               |
| 401-500 | GERMANY      | University of Potsdam                               |
| 401-500 | SOUTH AFRICA | University of Pretoria                              |
| 401-500 | SPAIN        | University of Seville                               |
| 401-500 | SPAIN        | University of the Balearic Islands                  |

| 401-500 | SPAIN       | University of the Basque Country                   |
|---------|-------------|--|
| 401-500 | ITALY       | University of Trento                               |
| 401-500 | NETHERLANDS | University of Twente                               |
| 401-500 | FRANCE      | University of Versailles Saint-Quentin-en-Yvelines |
| 401-500 | POLAND      | University of Warsaw                               |
| 401-500 | USA         | University of Wisconsin - Milwaukee                |
| 401-500 | USA         | University of Wyoming                              |
| 401-500 | SPAIN       | University of Zaragoza                             |
| 401-500 | USA         | Utah State University                              |
| 401-500 | USA         | Wake Forest University                             |
| 401-500 | USA         | Wayne State University                             |
| 401-500 | USA         | West Virginia University                           |