

CRITERIA FOR CERTIFICATION AS REGISTERED MICROBIOLOGIST WITHOUT EXAM

(Approved during the Annual Meeting of PAM, Inc. on July 18, 2023)

I. A doctorate holder in Microbiology or other closely related fields involving Microbiology

- A. A doctorate holder in Microbiology or other closely related fields involving Microbiology can apply for certification as Registered Microbiologist without examination under ANY ONE of the following conditions:
1. has taken a minimum of 24 units of microbiology courses.
 2. has taken at least 12 units of microbiology courses, and has completed a dissertation in microbiology, which is equivalent to 12 units.
 3. has taken at least 12 units of microbiology courses and has the appropriate number of research articles in microbiology, *as described below*, to equate to a total of at least 24 units of microbiology courses. Each research article is equivalent to a three (3)-unit course. The articles should be published in ISI/Web of Science (WoS) or Scopus-indexed journals within the last seven (7) years of application. For equivalencies requiring one article, the article must have the applicant as the lead or corresponding author. For those requiring two or more articles, at least two of these must have the applicant as the lead or corresponding author.
- B. Has at least five (5) years of work experience (e.g., teaching and or research in microbiology) during the last seven (7) years and should be evidenced by a certification/contract of gainful employment from the hiring institution. Work experience does not include work as a student towards the attainment of a degree.

Submission of Applications

- a) Hard copies of the documents must be sent to: The PAM CHAIR, 10037 Ruby St. Los Baños Subdivision, Los Baños, Laguna, 4030, Philippines.
- b) Soft copies of the documents must be sent via email to: The CBd Secretary. Email address: connect@pam.org.ph.

When submitting soft copies, include this CHECKLIST of requirements as the first page of your documents (email as ONE PDF FILE ONLY)

Registered Microbiologist without Exam – Doctorate in Microbiology (or a related field) degree holders

No.	Requirements	Available (Yes/No)	Remarks
	One pdf file arranged in the following order:		
1	Accomplished Nomination Form, duly endorsed by a PAM Diplomat/Fellow, and with a recent 2X2 photo attached in the space provided		
2	Transcript of records or true copy of grades (BS, MS, PhD)		
3	Diploma : Doctorate in Microbiology or a related field		
4	If applicable: Abstract of Doctorate Dissertation		

	<p>If applicable: Proofs of publications in the last 7 years (first page of article and proof of indexing)</p> <p>One (1) ISI/WoS/ or SCOPUS scientific article, published within the last seven (7) years, is equivalent to a 3-unit course. For equivalencies requiring one article, the article must have the applicant as the lead or corresponding author. For those requiring two or more articles, at least two of these must have the applicant as the lead or corresponding author.</p>		
6	<p>Proofs of employment: at least five (5) years of work experience (e.g., teaching and or research in Microbiology) during the last seven (7) years.</p>		

II. Under meritorious cases, an MS degree holder in microbiology or other related fields can apply for certification as RMicro without the certification exam provided that he/she satisfies the following requirements:

A. Applicants from the Academe/ Research Institution

1. Must have taken at least 24 units of microbiology courses, which can include Thesis, Special Problem, and Practicum in microbiology (with certification from the adviser).
2. Must have attained at least an Assistant Professor rank in an HEI recognized by the Commission of Higher Education, or a Researcher rank that is equivalent to at least an Assistant Professor rank.
3. Must have been teaching microbiology subjects and/ or involved in research in microbiology for at least 15 years.
4. Must have published at least five (5) articles in microbiology in ISI/WoS or Scopus-indexed journals within the last seven (7) years. At least two of the articles must have the applicant as the lead or corresponding author.

When submitting soft copies, include the CHECKLIST of requirements as the first page of your documents (email as ONE PDF FILE ONLY)

Registered Microbiologist without Exam – MS degree Holders under meritorious cases (Academe/Research)

No.	Requirements	Available (Yes/No)	Remarks
	One pdf file arranged in the following order:		
1	Accomplished Nomination Form, duly endorsed by a PAM Diplomate/Fellow, and with a recent 2X2 photo attached in the space provided		
2	Transcript of records or true copy of grades (BS, MS) (at least 24 units of microbiology courses)		
3	Diploma : MS in Microbiology or a related field		
4	Proof of employment (at least an Assistant Professor rank in an HEI recognized by the Commission of Higher Education, or a Researcher rank that is equivalent to at least an Assistant Professor rank, teaching microbiology subjects and/ or involved in research in microbiology for at least 15 years.		
5	Proofs of publications with proofs of indexing: at least five (5) articles in microbiology published in ISI/WoS or Scopus-indexed journals within the last seven (7) years. At least two of the articles must have the applicant as the lead or corresponding author.		

B. Applicants from the Industry

1. Must have taken at least 24 units of microbiology courses, which can include Thesis, Special Problem, and Practicum in microbiology, with certification from the adviser.
2. Must have occupied a supervisory position in the industry.
3. Must have been a microbiologist in the industry for at least 15 years.
4. Must have accomplished or undertaken at least two (2) of any of the following:
 - a. Introduced a new and applicable microbiology-related process to the company, and which has been adopted by the company.
 - b. Solved through research, a microbiology-related problem of the company.
 - c. Developed a microbiology-related product that is currently commercialized or sold in the market.

Note: Appropriate certification from the company on items 4a to 4c detailing the accomplishments must be submitted to the CBd.

When submitting soft copies, include the CHECKLIST of requirements as the first page of your documents (email as ONE PDF FILE ONLY)

Registered Microbiologist without Exam – MS degree Holders under meritorious cases (Industry)

No.	Requirements	Available (Yes/No)	Remarks
	One pdf file arranged in the following order:		
1	Accomplished Nomination Form, duly endorsed by a PAM Diplomate/Fellow, and with a recent 2X2 photo attached in the space provided		
2	Transcript of records or true copy of grades (BS, MS) (at least 24 units of microbiology courses)		
3	Diploma : MS in Microbiology or a related field		
4	Proof of employment: Must have occupied a supervisory position and has been a microbiologist in the industry for at least fifteen (15) years		
5	<p>Proofs of accomplishments: Must have accomplished or undertaken at least two (2) of any of the following:</p> <ol style="list-style-type: none">a. Introduced a new and applicable microbiology-related process to the company, which has been adopted by the company.b. Solved through research, a microbiology-related problem of the company.c. Developed a microbiology-related product that is currently commercialized or sold in the market. <p>Note: Appropriate certification by the company on items a to c detailing the accomplishments must be submitted to the CBd.</p>		