



Diponegoro University

# **RECTOR'S DECREE MASTER PROGRAM OF ENVIRONMENTAL SCIENCE CURRICULUM 2017-2022**



**MASTER OF ENVIRONMENTAL SCIENCE  
GRADUATE SCHOOL  
DIPONEGORO UNIVERSITY**



MINISTRY OF RESEARCH, TECHNOLOGY, AND HIGHER EDUCATION  
**DIPONEGORO UNIVERSITY**

Prof. Soedarto, S.H. Street, Tembalang Semarang Pos Box 1269  
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COPY

RECTOR DECREE OF DIPONEGORO UNIVERSITY

No. : 715/UN7.P/HK/2017

TENTANG  
DETERMINATION OF DIPLOMA, BASE, MASTER, DOCTOR, PROFESSIONAL,  
AND SPECIALIST EDUCATION PROGRAM CURRICULUM  
STUDY PROGRAM AT DIPONEGORO UNIVERSITY  
YEAR 2017-2022

- Consider :
- a. that to implement the Diponegoro University Chancellor's Regulation Number 15 of 2017 concerning Academic Regulations for the Education Sector of the Diponegoro University Undergraduate Program, article 16 of the curriculum is regularly evaluated within a period of three to five years by the faculty senate;
  - b. that in connection with the matter in the letter above, the Regulation of the Chancellor of the University of Diponegoro concerning Determination of the Curriculum for Undergraduate Programs for Study Programs in effect in 2012 needs to be updated and re-established study at Diponegoro University in 2017-2022;
  - c. that for the above purposes it is necessary to stipulate by Decree of the Rector of Diponegoro University;

- Remember :
- 1. Law of the Republic of Indonesia number 20 of 2003 concerning the National Education System (State Gazette of the Republic of Indonesia of 2003 number 78, Supplement to the State Gazette of the Republic of Indonesia No. 4301);
  - 2. Law of the Republic of Indonesia number 12 of 2012 concerning Higher Education (State Gazette of the Republic of Indonesia of 2012 number 156, Supplement to the State Gazette of the Republic of Indonesia No. 5336);
  - 3. Government Regulation of the Republic of Indonesia Number 7 Diponegoro (State Gazette of the Republic of Indonesia of 1961 number 25);
  - 4. Government Regulation of the Republic of Indonesia number 19 of 2005 concerning National Education Standards (State Gazette of the Republic of Indonesia of 2005 number 41, Supplement to the State Gazette of the Republic of Indonesia No. 4496);
  - 5. Government Regulation of the Republic of Indonesia number 48 of 2008 concerning Education Funding (State Gazette of the Republic of Indonesia of 2008 number 91);
  - 6. Government Regulation of the Republic of Indonesia number 4 of 2014 concerning the Implementation of Higher Education and Management of Higher Education (State Gazette of the

- Republic of Indonesia of 2014 number 16, Supplement to the State Gazette of the Republic of Indonesia No. 5500);
7. Government Regulation of the Republic of Indonesia number 81 of 2014 concerning the Designation of Diponegoro University as a Legal Entity State University (State Gazette of the Republic of Indonesia of 2014 number 302);
  8. Government Regulation of the Republic of Indonesia number 26 of 2015 concerning Forms and Mechanisms of Funding and Funding Mechanisms of State Universities Legal Entities (State Gazette of the Republic of Indonesia of 2015 number 110, Supplement to the State Gazette No. 5699);
  9. Government Regulation of the Republic of Indonesia number 52 of 2015 concerning the Statute of Diponegoro University (State Gazette of the Republic of Indonesia of 2015 number 170, Supplement to the State Gazette No. 5721);
  10. Regulation of the Minister of Education and Culture of the Republic of Indonesia No. 73 of 2013 concerning the Application of the Indonesian National Qualifications Framework in the field of Higher Education;
  11. Regulation of the Minister of Research, Technology and Higher Education of the Republic of Indonesia No. 44 of 2015 concerning National Standards for Higher Education;
  12. Decree of the Minister of National Education No. 232/U/2000 concerning Guidelines for Preparation of Higher Education Curriculum and Student Learning Assessment;
  13. Decree of the Minister of National Education No. 045/U/2002 concerning Higher Education Core Curriculum;
  14. Decree of the Minister of Research, Technology and Higher Education of the Republic of Indonesia Number: Number: 146/M/Kp/IV/2015 concerning the Appointment of the Chancellor of Diponegoro University;
  15. Rector's Regulation of Diponegoro University Number 4 of 2016 concerning Organization and Work Procedure of Elements Under the Rector of Diponegoro University as amended by Rector's Regulation Number 13 of 2016 concerning Amendment to Rector's Regulation Number 4 of 2016 concerning Organization and Work Procedure of Elements Under the Chancellor Diponegoro University;

Notice : Rector's Decree 643/UN7.P/HK/2017 concerning Determination of Course Codes in the Curriculum of Doctoral/SP2 Programs, Masters/SP1 Programs, Professional Programs, Undergraduate Programs, and Diploma Programs in 2017.

DECIDE:

- Assign : DECREE OF THE RECTOR OF THE UNIVERSITY OF DIPONEGORO CONCERNING DETERMINATION OF THE DIPLOMA, BASE, MASTER, DOCTOR, PROFESSIONAL, AND SPECIALIST EDUCATION PROGRAM CURRICULUM FOR THE 2017-2022 DIPONEGORO UNIVERSITY.
- FIRST : Establishing the Curriculum for Diploma, Bachelor, Master, Doctoral, Professional, and Specialist Education Programs for Study Programs at Diponegoro University in 2017-2022, as stated in the Attachment to this Decree.
- SECOND : The curriculum for the Diploma, Bachelor, Masters, Doctoral, Professional, and Specialist Education programs are applied to new students of Diponegoro University in the 2017/2018 entry year.
- THIRD : The implementation of the 2017 curriculum for students with 2016 and previous entry years is left entirely at the discretion of the respective Faculty/School Deans.
- FOURTH : The policy of the Faculty/School Dean as stated in the fourth dictum is stipulated in the Regulation of the Faculty/School Dean.
- FIFTH : This decision applies from the date set.

Set in Semarang  
On August 30, 2017

RECTOR OF DIPONONEGORO UNIVERSITY,

Sign

PROF. DR. YOS JOHAN UTAMA, SH,  
M.HUM NIP 196211101987031004

A valid copy according to the original  
University Secretary



Prof. Dr. dr. Anies, M.Kes., PKK  
NIP. 195407221985011001

ATTACHMENT :  
 DECREE OF THE RECTOR OF DIPONONEGORO  
 UNIVERSITY NUMBER : 715/UN7.P/HK/2017  
 CONCERNING :

DETERMINATION OF EDUCATION PROGRAM  
 CURRICULUM FOR DIPLOMA, BASE, MASTER,  
 DOCTOR, PROFESSIONAL AND SPECIALIST  
 EDUCATION PROGRAM FOR 2017-2022  
 UNIVERSITY OF DIPONEGORO.

A. List of Diploma Program Curriculum

| No. | Stage | Study Program                              | Faculty/School    |
|-----|-------|--------------------------------------------|-------------------|
| 1   | D3    | Company Management                         | Vocational School |
| 2   | D3    | Taxation                                   | Vocational School |
| 3   | D3    | Accountancy                                | Vocational School |
| 4   | D3    | Library & Information                      | Vocational School |
| 5   | D3    | Record Management                          | Vocational School |
| 6   | D3    | English                                    | Vocational School |
| 7   | D3    | Japanese Language                          | Vocational School |
| 8   | D3    | Office Administration                      | Vocational School |
| 9   | D3    | Marketing Management                       | Vocational School |
| 10  | D3    | Regional Finance                           | Vocational School |
| 11  | D3    | Land                                       | Vocational School |
| 12  | D3    | Public Relations                           | Vocational School |
| 13  | D3    | Instrumentation & Electronics              | Vocational School |
| 14  | D3    | Animal Business Management                 | Vocational School |
| 15  | D3    | Electrical Engineering                     | Vocational School |
| 16  | D3    | Civil Engineering                          | Vocational School |
| 17  | D3    | Shipping Engineering                       | Vocational School |
| 18  | D3    | Architectural Design                       | Vocational School |
| 19  | D3    | Chemical Engineering                       | Vocational School |
| 20  | D3    | Urban & Regional Planning                  | Vocational School |
| 21  | D3    | Mechanical Engineering                     | Vocational School |
| 22  | D4    | Industrial Chemical Engineering Technology | Vocational School |
| 23  | D4    | Automation Engineering Technology          | Vocational School |
| 24  | D4    | Mechanical Design Engineering              | Vocational School |

B. List of Undergraduate Program Curriculum

| No. | Stage | Study Program                   | Faculty/School         |
|-----|-------|---------------------------------|------------------------|
| 1   | S1    | Accountancy                     | Economics and Business |
| 2   | S1    | Management                      | Economics and Business |
| 3   | S1    | Economics & Studies Development | Economics and Business |

| No. | Stage | Study Program                              | Faculty/School                       |
|-----|-------|--------------------------------------------|--------------------------------------|
| 4   | S1    | Islamic economics                          | Economics and Business               |
| 5   | S1    | Legal Studies                              | Law                                  |
| 6   | S1    | International Relations                    | Social Science and Political Science |
| 7   | S1    | Public Administration                      | Social Science and Political Science |
| 8   | S1    | Business Administration                    | Social Science and Political Science |
| 9   | S1    | Public administration                      | Social Science and Political Science |
| 10  | S1    | Communication Studies                      | Social Science and Political Science |
| 11  | S1    | Library Science                            | Cultural Studies                     |
| 12  | S1    | Japanese                                   | Cultural Studies                     |
| 13  | S1    | Indonesian                                 | Cultural Studies                     |
| 14  | S1    | English                                    | Cultural Studies                     |
| 15  | S1    | History                                    | Cultural Studies                     |
| 16  | S1    | Anthropology                               | Cultural Studies                     |
| 17  | S1    | Doctor Education                           | Medical                              |
| 18  | S1    | Nursing Science                            | Medical                              |
| 19  | S1    | Science of Nutrition                       | Medical                              |
| 20  | S1    | Dentistry                                  | Medical                              |
| 21  | S1    | Pharmacy                                   | Medical                              |
| 22  | S1    | Public Health                              | Public Health                        |
| 23  | S1    | Aquaculture                                | Fisheries and Marine Science         |
| 24  | S1    | Marine Science                             | Fisheries and Marine Science         |
| 25  | S1    | Water Elementary School Management         | Fisheries and Marine Science         |
| 26  | S1    | Utilization of Fisheries Elementary School | Fisheries and Marine Science         |
| 27  | S1    | Oceanography                               | Fisheries and Marine Science         |
| 28  | S1    | Fishery Products Technology                | Fisheries and Marine Science         |
| 29  | S1    | Animal Science                             | Animal and Agriculture               |
| 30  | S1    | Food Technology                            | Animal and Agriculture               |
| 31  | S1    | Agroecotechnology                          | Animal and Agriculture               |
| 32  | S1    | Agribusiness                               | Animal and Agriculture               |
| 33  | S1    | Psychology                                 | Psychology                           |
| 34  | S1    | Biology                                    | Science and Math                     |
| 35  | S1    | Physics                                    | Science and Math                     |
| 36  | S1    | Chemical                                   | Science and Math                     |
| 37  | S1    | Mathematics                                | Science and Math                     |
| 38  | S1    | Statistics                                 | Science and Math                     |

| No. | Stage | Study Program                         | Faculty/School   |
|-----|-------|---------------------------------------|------------------|
| 39  | S1    | Computer Science / Informatics        | Science and Math |
| 40  | S1    | Urban & Regional Planning Engineering | Technique        |
| 41  | S1    | Environmental Engineering             | Technique        |
| 42  | S1    | Industrial Engineering                | Technique        |
| 43  | S1    | Geological Engineering                | Technique        |
| 44  | S1    | Geodetic Engineering                  | Technique        |
| 45  | S1    | Computer System                       | Technique        |
| 46  | S1    | Architectural Engineering             | Technique        |
| 47  | S1    | Electrical Engineering                | Technique        |
| 48  | S1    | Chemical Engineering                  | Technique        |
| 49  | S1    | Mechanical Engineering                | Technique        |
| 50  | S1    | Civil Engineering                     | Technique        |
| 51  | S1    | Shipping Engineering                  | Technique        |

C. Master Program Curriculum List

| No. | Stage | Study Program                             | Faculty/School                       |
|-----|-------|-------------------------------------------|--------------------------------------|
| 1   | S2    | Master in Management                      | Economics and Business               |
| 2   | S2    | Master in Accounting                      | Economics and Business               |
| 3   | S2    | Master in Economics & Development Studies | Economics and Business               |
| 4   | S2    | Master in Law                             | Law                                  |
| 5   | S2    | Master in Notary                          | Law                                  |
| 6   | S2    | Master in Literature                      | Cultural Studies                     |
| 7   | S2    | Master in Linguistics                     | Cultural Studies                     |
| 8   | S2    | Master in History                         | Cultural Studies                     |
| 9   | S2    | Master of Administrative Sciences         | Social science and political science |
| 10  | S2    | Master of Political Science               | Social science and political science |
| 11  | S2    | Master of Communication Studies           | Social science and political science |
| 12  | S2    | Master of Nutrition                       | Medical                              |
| 13  | S2    | Master of Biomedical Sciences             | Medical                              |
| 14  | S2    | Master of Nursing                         | Medical                              |
| 15  | S2    | Master of Public Health Sciences          | Public Health                        |
| 16  | S2    | Master of Environmental Health            | Public Health                        |
| 17  | S2    | Master of Health Promotion                | Public Health                        |
| 18  | S2    | Master of Epidemiology                    | Postgraduate                         |
| 19  | S2    | Master of Information Systems             | Postgraduate                         |
| 20  | S2    | Master of Environmental Science           | Postgraduate                         |

| No. | Stage | Study Program                                   | Faculty/School               |
|-----|-------|-------------------------------------------------|------------------------------|
| 21  | S2    | Master of Energy                                | Postgraduate                 |
| 22  | S2    | Master of Animal Science                        | Animal and Agriculture       |
| 23  | S2    | Master of Agribusiness                          | Animal and Agriculture       |
| 24  | S2    | Master of Coastal Resource Management           | Fisheries and Marine Science |
| 25  | S2    | Master of Marine Science                        | Fisheries and Marine Science |
| 26  | S2    | Master of Biology                               | Science and Math             |
| 27  | S2    | Master of Physical Sciences                     | Science and Math             |
| 28  | S2    | Master of Chemistry                             | Science and Math             |
| 29  | S2    | Master of Mathematics                           | Science and Math             |
| 30  | S2    | Master of Architecture                          | Technique                    |
| 31  | S2    | Master of Civil Engineering                     | Technique                    |
| 32  | S2    | Master of Regional Development & City           | Technique                    |
| 33  | S2    | Master of Chemical Engineering                  | Technique                    |
| 34  | S2    | Master of Mechanical Engineering                | Technique                    |
| 35  | S2    | Master of Electrical Engineering                | Technique                    |
| 36  | S2    | Master of Industrial Engineering and Management | Technique                    |

**D. List of Doctoral Program Curriculum**

| No. | Stage | Study Program                                | Faculty/School                       |
|-----|-------|----------------------------------------------|--------------------------------------|
| 1   | S3    | Doctor of Economics                          | Economics and Business               |
| 2   | S3    | Doctor of Laws                               | Law                                  |
| 3   | S3    | Doctor of Public Administration              | Social science and political science |
| 4   | S3    | Doctor of Social Sciences                    | Social science and political science |
| 5   | S3    | Doctor of History                            | Cultural Studies                     |
| 6   | S3    | Doctor of Public Health                      | Public Health                        |
| 7   | S3    | Doctor of Medical/Health Sciences            | Medical                              |
| 8   | S3    | Doctor of Environmental Sciences             | Postgraduate                         |
| 9   | S3    | Doctor of Animal Science                     | Animal and Agriculture               |
| 10  | S3    | Doctor of Coastal Resource Management        | Fisheries and Marine Science         |
| 11  | S3    | Doctor of Marine Sciences                    | Fisheries and Marine Science         |
| 12  | S3    | Doctor of Architecture and Urban Engineering | Technique                            |
| 13  | S3    | Doctor of Civil Engineering                  | Technique                            |
| 14  | S3    | Doctor of Mechanical Engineering             | Technique                            |
| 15  | S3    | Doctor of Chemical Engineering               | Technique                            |



**E. Specialist Program Curriculum List**

| No. | Study Program                        |
|-----|--------------------------------------|
| 1.  | Anesthesiology and Intensive Therapy |
| 2.  | Surgery                              |
| 3.  | Obstetrics and Gynecology            |
| 4.  | Physical Medicine and Rehabilitation |
| 5.  | Forensic Medicine and Medicolegal    |
| 6.  | Child Health Science                 |
| 7.  | Internal Medicine                    |
| 8.  | Science of Heart and Blood Vessels   |
| 9.  | Skin and Sexual Health Sciences      |
| 10. | Eye health                           |
| 11. | Neurology                            |
| 12. | ENT Health Sciences-KL               |
| 13. | Anatomical Pathology                 |
| 14. | Clinical Pathology                   |
| 15. | Psychiatry                           |
| 16. | Radiology                            |
| 17. | Clinical Microbiology                |
| 18. | Clinical Nutrition                   |
| 19. | Neurosurgery                         |

**F. List of Professional Program Curriculum**

| No. | Study Program |
|-----|---------------|
| 1   | Doctor        |
| 2   | Nurse         |
| 3   | Accounting    |
| 4   | Engineer      |

Semarang, August 30, 2017

RECTOR OF DIPONONEGORO UNIVERSITY,

Sign

PROF. DR. YOS JOHAN UTAMA, SH,  
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University secretary



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