

October 15, 1929.

Dr. Wilburt C. Davison
School of Medicine
Duke University

Dear Davison:

I have read your inclosures of September 25th with a great deal of interest and profit. The various papers appear to cover the field with admirable accuracy and completeness and I have noted only three points which need either amplification or correction.

It seems to me that the last sentence in Ans. 16 might possibly be misinterpreted by a freshman. I suggest that something like "but in the selection of students no preference will be given because of particular credits earned in any course or courses elected by the candidate" might be used for the last clause.

In reference to the answer to question No. 15 (I) the instructors in charge of Physics 51 much prefer to give one three-hour period for two terms rather than to offer two periods for one term. It happens that the engineers in Physics VI take this laboratory course and we like for them to get ahead with the theory before the correlated experiment is scheduled in the laboratory. With two experiments going each week they soon get in deep water.

In your list of recommended, but not required, courses it might be well to note that Physics 52 (b) Spring Term is an excellent preparation for Chem. VI and might profitably be elected as a preparation for that course.

I would like to keep the copy which you sent me as I have need to answer some of the questions which come my way. It should prove a "life saver" almost.

Yours sincerely,

Charles W. Edwards
Charles W. Edwards

Admission requirements

October 11, 1929.

Dr. Wilbur C. Davison,
Duke University,
Durham, N. C.

Dear Davison;

I received your letter of the 10th with the enclosures concerning the opening of the Medical School. There are several things which I might draw to your attention.

I notice that under the required courses for admission, you have under Chemistry, Qualitative Analysis and Organic Chemistry, while under the sheet headed "Information for Pre-medical Students", number 13, you have in the case of each of the three alternatives, listed Quantitative Analysis as well as Qualitative Analysis. I of course understand your own position in this, and am merely drawing your attention to this as a possible inconsistency which may catch the student's eye. Under number three of "Information for Pre-medical Students", I think you might qualify answer number one by putting some age limit for the keen student. Specifically, it would seem desirable to me for a student to have four years of college training and then enter Medical School, provided he could do so before the age of twenty-one. This is in line with your answer to number 5 and would, of course, still allow him to spend the additional two years that you want for post-graduate medical work. I think the number of cases of students graduating from college at twenty-one, or under, will probably increase as the preparation here in the South for college improves.

In question number nine under "Information for Pre-medical Students", you have Physiological Chemistry as Chemistry 9. This should be Chemistry 42-43.

These are all minor points and I think that on the whole you have foreseen most of the questions and answered them. I enjoyed particularly the answer to number 32.

Yours sincerely,

Paul Gross
Prof. in Chemistry

PMG;p

P.S. Excuse the general appearance of the above
- we have a new stenographer - P.G.

Admission requirements

DUKE UNIVERSITY SCHOOL OF MEDICINE

Required Courses (or their equivalents) for Admission

BIOLOGY

1. General Zoology and 2. Elementary Comparative Anatomy (total 8 semester hours)

OR

(1. General Zoology and 3. Principles of General Zoology)

CHEMISTRY

1. General Inorganic Chemistry and 2. Qualitative Analysis and 3a and 3 Organic Chemistry (total 16 to 20 semester hours)

PHYSICS

1. General Physics and 51a Laboratory Physics (total 10 semester hours)

OR

(1. General Physics and 2. Pre-Medical Physics)

OR

(6. Physics for Engineers)

OR

(See 10 semester hour course in Pre-Medical Physics after 1929)

ENGLISH

1. English Composition and English Poetry and 6B English Composition (total 18 semester hours)

MATHEMATICS

1a College Algebra and 2a Plane Trigonometry (total 6 semester hours)

~~RECOMMENDED COURSES~~

4 ~~Recommended but not required courses (see references: Courses (1) and (2) at least one additional course in sciences, English, History, Mathematics or Psychology are especially recommended)~~

BIOLOGY

2. Elementary Comparative Anatomy (if not already taken as a required course)
4. Comparative Histology
6. Animal Parasites
9. General Embryology

CHEMISTRY

- 3. Quantitative Analysis if not already taken as a required course
- 6. Physical and Electro Chemistry
- 31a. Advanced Quantitative Methods
- 31b. Instrumental Analysis
- 62. Colloid Chemistry

ECONOMICS AND POLITICAL SCIENCE

- A. Description of Modern Industry; Economic Geography
 - 1. Principles of Economics
 - 3a. Money and Banking
 - 3b. Public Finance
 - 4a. Corporation Finance
 - 4b. Investment and Speculation
 - 5b. Insurance
 - 7. First-Year Accounting
 - 73a. Auditing
- 2. American Government and Politics

ENGLISH

- 2. Prose Literature
- C3a and b. Composition
- C14a and b. Journalism
- 3. Shakespeare
- 4. American Literature
- 5. English Literature
 - Public Speaking
 - Argumentation

GERMAN

- 1. Elementary German
- 2. Intermediate German
- 8. Scientific German
- 7. Advanced Composition; Conversation

HISTORY

- 1. Modern and Contemporaneous Europe
- 2. Western European Civilization
- 19. Social and Economic History of the American People
- 24. English History
- 130. The History of North Carolina

MATHEMATICS

- 2b. Analytic Geometry
- 3a. Differential Calculus ← 3b. Integral Calculus
- 6. Differential Equations

PHILOSOPHY

- 1. Introduction to Philosophy
- 6. Logic
- 7. An Outline History of Science
- 8. A Construction Survey of Modern Science

PHYSICS

- Laboratory Physics (51a) if not already taken as an elective
- Laboratory Physics (51b)
- Physical Optics (105)
- Electricity and Magnetism (107)

PSYCHOLOGY

- 1. Introduction to Psychology: General Principles
- 2. Introduction to Psychology: Experimental and Applied
- 10. Social Psychology
- 11. Abnormal Psychology
- 14. Advanced Experimental Psychology

RELIGION

- 1. Biblical Literature

ROMANCE LANGUAGES

- 1a and b. Elementary French
- 2a and b. French Prose

150
2 100

650
280
2
15

1605

REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING
DUKE ^{University} SCHOOL OF MEDICINE.

In addition to the requirements for entrance, an applicant for admission to the junior class must present evidence that he will complete successfully the first and second year curriculum in a class A medical school consisting of: Gross, microscopic and neuro-anatomy, biochemistry, pharmacology, physiology, gross and microscopic pathology, bacteriology, clinical microscopy, and normal and abnormal physical diagnosis. Students, who transfer from other medical schools, can be admitted only in the autumn quarter, but are required to spend the preceding summer quarter here, without tuition, studying physical diagnosis and clinical microscopy, and pass the Duke preclinical examination in September. They are eligible to receive a certificate in March or June two years later, depending upon whether they attend the intervening summer quarter. Applications forms may be obtained by writing to the Dean, Duke University School of Medicine, Durham, N. C.; they are considered and a decision in regard to admission made as described for applications for admission. Students at other approved medical schools, may, if recommended, transfer to Duke for one or more quarters for regular or special studies. They should write to the Dean for information.

Duke University School of Medicine
INFORMATION FOR PRE-MEDICAL STUDENTS

The most frequently repeated questions and answers are listed below. New questions should be written and given to Miss Stocksdale.

1. When will the Duke Medical School be opened?
Ans.: In 1930. (See the statement on this bulletin board.)
2. ~~If the Duke Medical School does not admit first year students in 1930, what shall I do?~~
Ans.: ~~Apply to some other Grade A Medical School. If you would have been eligible for admission to the first year class at Duke, an effort (not guarantee) will be made to have you admitted to some other Grade A Medical School so that after two years there you can, if you still wish and if your work there has been satisfactory, transfer to the third year class here in the June or October quarter.~~
1st + 3rd year students will be admitted in Oct. 1930
3. Is it preferable to enter a medical school after two years of pre-medical work in college, or should I first obtain my degree?
Ans.: If you are a keen student, it is preferable to enter a medical school as early as possible in order to be able to spend *at least two* additional years in hospital or laboratory work after graduation from medical school. If you are an average student you should obtain your degree in order to have a better chance of admission to another medical school (not Duke).
4. Will preference be given to students who have a pre-medical preparation longer than the required two years?
Ans.: No. The basis of selection will be the quality rather than the quantity of preparation.
5. Will preference be given to applications under 21 years of age?
Ans.: Yes, all other factors being equal.
6. Will an applicant's personality be a factor in selection?
Ans.: Yes.
7. What will be the requirements for admission to the Duke Medical School?
Ans.: See the statement on this bulletin board.
8. How can I satisfy the entrance requirement in Biology?
Ans.: In one of two ways; ~~of which the first is preferable:~~
 - (I) 1. General **Zoology** during the first semester and
2. Elementary Comparative Anatomy during the second.
 - (II) 1. General Zoology during the first semester and
2. Principles of General Zoology during the second.
9. Will 1. and 2. Introductory Botany satisfy the Biology requirement?
Ans.: No. 1. General Zoology and 2. Elementary Comparative Anatomy (or 3. Principles of General Zoology) are essential.

10. Should I take ~~General~~ Bacteriology (Botany 19)?
Ans.: It will not satisfy the entrance requirement. As you will study Bacteriology in Medical School it is preferable in college to study subjects which you cannot obtain in Medical School.
11. Should I study Physiological Chemistry (Chemistry ⁴²⁻⁴³ 8)?
Ans.: See answer to No. 10.
12. Should I study General Embryology (Zoology 9) in preference to Comparative Histology (Zoology 4)?
Ans.: Both courses are excellent pre-medical preparation but the former has somewhat more practical application in medical school.
13. How can I satisfy the entrance requirement in Chemistry in two years?
Ans.: In one of three ways, of which the first is preferable:
- (I) 1. General Inorganic Chemistry for the first year and
 - 2. Qualitative Analysis and
 - 3. Quantitative Analysis (or their equivalents) during summer school at Duke or elsewhere at the end of the first year and 5a and 5b Organic Chemistry during the second year.
 - (II) 1. General Inorganic Chemistry during the first year, and, if you are recommended by the Department of Chemistry, 5a and 5b Organic Chemistry together with the lectures in 2. Qualitative Analysis, and, 3. Quantitative Analysis during the second year.
 - (III) 1. General Inorganic Chemistry during the first year, and
 - 2. Qualitative Analysis and
 - 3. Quantitative Analysis during the second year and 5a and 5b Organic Chemistry (or its equivalent) during summer school at Duke or elsewhere at the end of the second year.
14. Should I take 6. Physical and Electro Chemistry?
Ans.: Yes. It is not required but is excellent pre-medical preparation.
15. How can I satisfy the entrance requirement in Physics?
Ans.: In one of four ways, which are equally satisfactory:
- (I) 1. General Physics for the first year and 5 la laboratory physics for ~~the first semester~~ of the second year.
 - (II) 1. General Physics for the first year and
 - 2. Pre-medical Physics for the second year.
 - (III) 6. Physics for Engineers for one year.
 - (IV) The new ten semester hour course in Pre-medical Physics after 1929.
16. Which subjects in addition to those required should I take?
Ans.: Choose them in accordance with your own inclinations and after consultation with the departments concerned.
 A list of required and recommended courses is posted on this bulletin board, but no preference in the selection of students will be given for any course or courses.
17. Should I take any foreign languages?
Ans.: Yes. If you can, take two years of either German or French. The former is preferable, especially German (1) and (8). They are not required but are excellent pre-medical preparation.

18. Will German or French be required?
Ans.: No, but two years' study of each is desirable.
19. Is German (8) preferable to German (2)?
Ans.: Yes, but although desirable, neither is required.
20. Should I take differential calculus (Mathematics 3a)?
Ans.: Yes, it is not required but is excellent pre-medical preparation.
21. Should I take 1. Psychology?
Ans.: Yes. It is not required but is excellent pre-medical preparation.
22. What average grade will be necessary for admission?
Ans.: Admission will depend upon the confidential opinions of your science teachers rather than on marks and grades.
23. Is a personal interview with the Committee on Admission or the Regional Representatives necessary for admission?
Ans.: Yes, but only after the candidate's application has been studied and he or she has been given an appointment for a personal interview.
24. Will unsolicited letters of recommendation help me in being admitted to the Duke Medical School?
Ans.: No. They usually decrease the applicant's chances of admission.
25. Will pre-medical students at Duke be given preference in admission to the Duke Medical School?
Ans.: Each applicant will be considered on his own merits.
26. Will women students be admitted to the Duke Medical School?
Ans.: Yes. Women will be admitted on the same basis as men.
27. Can medical students obtain a B.S. degree?
Ans.: Yes. See the statement on this bulletin board.
28. What will the tuition be?
Ans.: See the statement on this bulletin board.
29. Can medical students borrow money from the Angier B. Duke and other loan funds?
Ans.: Yes, after their third quarter at the Duke Medical School.
30. Can medical students earn their way through medical school?
Ans.: It will not be forbidden but the results are often disastrous from the health and scholastic standpoint.
31. Can medical students engage in university athletics?
Ans.: It will be forbidden, except for eligibility rules, but the results are often damaging to the student's scholastic standing.
32. Can medical students join medical fraternities?
Ans.: Yes, if they are elected.
33. What will be the requirements for admission to the third year class of the Duke Medical School?
Ans.: In addition to the requirements for admission, a student must present evidence that he will complete successfully the first and second year curriculum in a Grade A medical school.

34. What average grade in the first and second year curriculum of another grade A Medical School must an applicant to the third year class at Duke have to be admitted?
Ans.: Admission will depend upon the confidential opinion of the Dean of the Medical School at which the applicant is completing the first and second year curriculum.
35. Will any preference be given to applicants to the third year class from any particular Grade A medical school?
Ans.: No, each applicant will be considered on his own merits.
36. Can a student who has completed the first and second curriculum at another Grade A medical school graduate from the Duke Medical School three years after he has commenced the study of medicine?
Ans.: Yes, if he is admitted to the third year class at Duke in October he can receive the M.D. degree, if satisfactory, in March, 18 months later, or if he is admitted to the third year class at Duke in June (in 1930, third year students will be admitted only in October; after 1930, they will be admitted in June or October) he can receive the M.D. degree, if satisfactory, in December of the following year.
37. Will students at other Grade A medical schools be admitted to the second or fourth year classes at Duke?
Ans.: Students will be admitted into any class for which their previous training has fitted them but usually it is simpler to correlate the curricula of other medical schools at the end of the second year.
38. Will the Duke University School of Medicine be a Grade A School?
Ans.: Yes.
39. Will the Duke Medical School have a sufficient number of patients for teaching?
Ans.: Yes, see the statement on this bulletin board.
40. Will Duke University have a School of Nursing?
Ans.: Yes. See the statement on this bulletin board.
41. Will Duke University have a School of Dietetics?
Ans.: Yes. Information may be obtained by writing to the Professor of Dietetics, Duke University School of Medicine.
42. Will Duke University have a School of Dentistry?
Ans.: Not for several years.
43. Will the Medical School or Hospital have a course for the training of laboratory technicians?
Ans.: Not for several years.