

Chem.  
Physics  
Psych.  
Zool. 1-2

**Columbia University**  
in the City of New York  
COLUMBIA COLLEGE

Record of Lederberg, Joshua Solomon  
Jr. H.S. 164, N.Y.C.  
Admitted Sept. 1941 From Stuyvesant E.S. N.Y.C. (Grad)

A. B. Degree Conferred: With honors in Zoology, June 28, 1944

OFFICE OF THE REGISTRAR

First copy furnished free of charge. Each additional copy will cost one dollar.

Entrance Requirements — Adequate preparation in English, Mathematics, Foreign Language, Science, and History.

S = Superior preparation.  
N = Normal preparation.  
U = Uncertain preparation.  
C.E. = College Entrance Examination Board.  
N. Y. = N. Y. State Board of Regents.  
S.R. = School Record.

Grades and Symbols:  
A = Excellent  
B = Good  
C = Fair  
P = Passed.  
F = Failure.  
M = Make-up. Privilege of taking a second final examination.

Abs. = Absent from examination.  
Applications for fall and spring deficiency examinations must be filed by August 1 and March 10 respectively.

H = Regular attendance only, without final examination, so degree credit except in lecture courses, those marked "L", up to six points. In seminar courses, grade and credit deferred until completion of a year's work.  
Inc. = Work Incomplete.  
N. C. = No credit, irregular attendance.  
N. M. = No mark reported by instructor. In some courses, mid-term grades are not required.  
Wd. = Withdraw from course.

Note — Mid-term grades are only tentative and may not be used for definite credit.  
X = Credit conditioned upon satisfactory completion of second half of a year course.  
= Exemption.  
Credited for entrance. Partial or no credit toward degree, as indicated.  
= "B" required for credit.  
"Overcut" credit reduced or forfeited.  
"Overcut" credit allowed with warning.  
"Overcut" credit to be determined when excuses are filed.  
Small numbers beside final grades indicate total "cuts."

Unit of Value: A Point represents academic work (or classroom work) requiring one hour a week for a winter or spring session, or the equivalent thereof.  
Partial points = Partial or no credit toward A. B. as indicated.

Requirements for A. B.:  
124 points.  
Prescribed courses, 60 maturity credits, or  
74 points.  
Prescribed courses, 1 year in professional school.  
30 maturity credits.

CANDIDATE		Faculty Adviser:	POINTS			GRADES					Special Exam.	Remarks:	Pre-Me Course	
A. B.			Winter	Spring	Summer	Winter	Spring	Summer	Final	Final				
ENTRANCE		Prof. von Nordhoff												
COURSES		Dr. Keller												
1941-1942		Dr. Nord												
2	Engl. 1													
1	Engl. 2													
1	Hist. Eur. 1													
1	Hist. Am. 1													
2	Latin 2													
1	Latin 3													
1	Latin 4													
2	Fr. 2													
1	Fr. 3													
2	Ger. 2													
1	Ger. 3													
2	Span. 2													
1	Span. 3													
1	Math. A1													
1	Math. A2													
1	Math. C													
1/2	Math. B													
1/2	Math. D													
1/2	Math. E													
1	Phys.													
1	Chem.													
1	Biology													
1942-1943														
3	Zoology 117													
5	Zoology 125													
6	Physics 9													
5	Chemistry 11													
1	Phys. Ed. B1-B2													
1/2	English C3-C4													
1	Phys. Ed. A													
1	Hygiene A													
2	Chemistry 166A													
3	Math. 34R													
6	Math. 104													
3	Chemistry 242													
1	Physics 52													
Cr. for A's														
1942-1943														
3	Zoology 117													
5	Zoology 125													
6	Physics 9													
5	Chemistry 11													
1	Phys. Ed. B1-B2													
1/2	English C3-C4													
1	Phys. Ed. A													
1	Hygiene A													
2	Chemistry 166A													
3	Math. 34R													
6	Math. 104													
3	Chemistry 242													
1	Physics 52													
Cr. for A's														

*Transferred to Columbia University Navy V-12 Unit.*

*See Page 2*

*Carried forward*

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DEC 17 1946 Date

*John M. Mullins*  
Edward J. Grant, Registrar  
JOHN M. MULLINS  
ASSISTANT REGISTRAR

Chem.  
Physic  
Psych.  
Zool.

OFFICE OF THE REGISTRAR

**Columbia University**  
in the City of New York  
COLUMBIA COLLEGE

Record of Lederberg, Joshua Solomon NAVY V-12

Admitted July, 1943 From Stuyvesant High School (Grad.)

A. B. Degree Conferred With honors in Zoology, June 28, 1944

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Entrance Requirements - Adequate preparation in English, Mathematics, Foreign Language, Science, and History.

S = Superior preparation, N = Normal preparation, U = Uncertain preparation, C.E. = College Entrance Examination Board, N.Y. = N.Y. State Board of Regents, S.R. = School Record.

Grades and Symbols: A = Excellent, B = Good, C = Fair, D = Poor, F = Failure, Mu = Make-up, Privilege of taking a second final examination, Abs. = Absent from examination.

Applications for fall and spring deficiency examinations must be filed by August 1 and March 15 respectively.

M = Regular attendance only, without final examination; no degree credit except in specified lecture courses up to 20 points in seminar courses and credit deferred until completion of a year's work.

Inc. = Work incomplete, N.C. = No credit, irregular attendance.

N.M. = No mark reported by instructor, in some courses, mid-term grades are not required.

Wd. = Withdraw from course.

Note - Mid-term grades are only tentative and may not be used for definitive credit.

X = Credit conditioned upon satisfactory completion of second half of a year course.

3 = Exemption.

1. Credited for entrance, partial or no credit toward degree, as indicated.

2. "B" required for credit.

3. "Overcut" credit reduced or forfeited.

4. "Overcut" credit allowed with warning.

5. "Overcut" credit to be determined when excused are filed.

Small numbers beside final grades indicate total "cuts."

Unit of Value: A Point represents academic work (or classroom work) requiring one hour a week for a summer, winter or spring session of not less than 15 weeks, or the equivalent.

Circled points = Partial or no credit toward A. B. as indicated.

Requirements for A. B.: 124 points, Prescribed courses, 60 maturity credits, or 94 points, Prescribed courses, 1 year in professional school, 20 maturity credits.

CANDIDATE  
**A. B.**

Faculty Adviser:  
**Dr. Nobbe**

POINTS	GRADES						Special Exam.
	Summer I	Winter II	Spring III	I Summer	II Winter	III Spring	
	Mid-Term Tentative	Final	Mid-Term Tentative	Final	Mid-Term Tentative	Final	

Remarks:  
  
Pre-Med. Courses  
Hours per Session  
Class  
Lab.

COURSES	ENTRANCE			Maturity Credits
	Math	Sci.	Lang.	
1. Eng. I	1	1	1	
1. Eng. II	1	1	1	
1. Hist.				
2. Lat. 1				
1. Lat. 2				
1. Lat. 3				
1. Lat. 4				
2. Fr. 1				
1. Fr. 2				
1. Ger. 1				
1. Ger. 2				
2. Span. 1				
1. Span. 2				
1. Math. A1				
1. Math. A2				
1. Math. C				
1. Math. B				
1. Math. D				
1. Math. E				
1. Phys. 1				
1. Chem.				
1. Biology				
1. Philo. 7 (III)				
1. Navy Phy. Tr. (III)				
1. Extra Credit for A's				

1943 - Summer Term I			
COURSES	Points	Grades	Remarks
5 Physics 115 (I)	5	mc B-	Alternat. Current Theory & Appl. Wave-Motion & Sound, Heat Rad. & Physical Chemistry Light Navy Physical Training Coll. on Bks fr. 17th to 20 Cent Naval Organization
3 Physics 11 (I)	3	A-	
2 Chem. 129 (I)	2	A	
2 Navy Ph. Tr. (I)	2	C-	
8 Colloquium 3 (I)	8	B+	
1 Navy Org. 1 (I)	1	B	
20 Extra Credit for A's	20		
Transferred to the U.S. Naval Hospital at St. Albans, N.Y. at the end of Term I, 10/30			
1943-1944 Spring Term III			
Hum. A1 (III)	4	B+ A	Read. & Discuss. of Eur. Lit. & Philos.
Hum. B1 (III)	3	B+ B+	Masterpieces of the Fine Arts
Hum. B2 (III)	3	A-	Masterpieces of Music
Psychology 1 (III)	3	A-	General Psychology
Con. Civ. E2 (III)	3	B+ B+	Amer. Economic & Polit. Inst.
Navy Org. 2 (III)	2	nm B+	Navy Organ. Ashore & Afloat
3 Philo. 7 (III)	3	A-	Intro. to Logic & Scientific Meth.
Navy Phy. Tr. (III)	2	nm F	Basic Training Program
3 Extra Credit for A's	3		
21	21		

PREScribed OR A. B. DEGREE

Humanities A	7
Humanities B	7
English C1-C2	2
English C3-C4	2
Con. Civ. A	2
Con. Civ. B	2
Phys. Ed. A	2
Hygiene A	2
Phys. Ed. B	2
Prof. Test	2
Fr. Gen.	2
Gr. Lolla	2

Science A	1
Science B	1
1 yr. from each of 3 groups:	
Math	
Chem-Phys.	
Ast. Bot.	
Geol. Zool.	

"LM COURSES" 1, 2, 3, 4, 5, 6

FINAL CREDIT

Points	Maturity Credits
Brought forward	
86	40
19	20
105	73
21	
126	73

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A CORRECT COPY Date

*John M. Mullins*  
Edward J. Grant, Registrar  
Edward S. Fox, Assistant Registrar  
**JOHN M. MULLINS**  
ASSISTANT REGISTRAR