## GRADUATE COURSES: A HANDBOOK FOR GRADUATE STUDENTS. ANNOUNCEMENTS OF ADVANCED COURSES OFFERED BY TWENTY-FOUR COLLEGES AND UNIVERSITIES OF THE UNITED STATES, WITH VALUABLE ADDITIONAL INFORMATION. FOR THE YEAR 1896-7

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649596249

Graduate Courses: A Handbook for Graduate Students. Announcements of Advanced Courses Offered by Twenty-Four Colleges and Universities of the United States, with Valuable Additional Information. For the Year 1896-7 by C. A. Duniway

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

# C. A. DUNIWAY

## GRADUATE COURSES: A HANDBOOK FOR GRADUATE STUDENTS. ANNOUNCEMENTS OF ADVANCED COURSES OFFERED BY TWENTY-FOUR COLLEGES AND UNIVERSITIES OF THE UNITED STATES, WITH VALUABLE ADDITIONAL INFORMATION. FOR THE YEAR 1896-7



# GRADUATE COURSES

\*\*\*\*

191

#### A Dandbook for Graduate Students

14 - Angelander (\* 1997) 1997 - Angelander (\* 1997) 1997 - Angelander (\* 1997)

564

ANNOUNCEMENTS OF ADVANCED COURSES OF INSTRUCTION OFFERED BY TWENTY-FOUR COLLEGES AND UNIVERSITIES OF THE UNITED STATES, WITH VALUABLE ADDITIONAL INFOR-MATION. FOR THE YEAR

### 1896-7

PUBLICATION AUTHORIZED BY THE FEDERATION OF GRADUATE CLUBS

23

.

C. A. DUNIWAY, Harvard, Editor-in-Chief

LEACH, SHEWELL, & SANBORN, PUBLISHERS BOSTON NEW YORK CHICAGO 1896

#### BOARD OF ASSISTANT EDITORS.

BARNARD, ELLA F. BRYSON. BROWN, ADOLPH C. ELY. BRYN MAWR, ISABEL MADDISON. California, E. LYMAN HOOD. Chicago, W. A. HEIDEL. Clark, IIERMAN T. LUKENS. COLUMBIA, FRANK H. S. NOBLE. CORNELL, FRANK G. BATES.

HARVARD, RAYMOND M. ALDEN.

JOHNS HOPKINS, CHARLES HOEING.

LELAND STANFORD, G. A. CLARK.

MICHIGAN, J. E. LAUTNER.

MINNESOTA, E. P. HARDING.

NEW YORK, LESLIE J. TOMPKINS.

NORTHWESTERN, OLIN H. BASQUIN.

PENNSYLVANIA, ELLIS A. SCHNABEL,

PRINCETON, JOHN H. BOWMAN. RADCLIFFE, ANNETTE FISKE.

TULANE, J. H. RAPP.

VANDERBILT, T. D. MCINTYRE.

WELLESLEY, AGNES M. GOODELL.

WESTERN RESERVE, H. A. PRESTON.

WISCONSIN, KATHARINE ALLEN. -YALE, GUSTAV GRUENER.

COPYRIGHT, 1896, By C. A. DUNIWAY, Editor-in-Chief. All Rights Reserved. PRESS OF SAMUEL USHER, 171 DEVONSHIRE STREET, BOSTON, MASS. •

## · TABLE OF CONTENTS.

.

.

×

ASSISTANT	EDIT	OF	s	10	1		28		- 28		42			PAGE
EDITOR'S PI				1100	0255		28 . N	- 5			- 25			v
THE FEDER				CRA	DITA	TF	CLUI	24	- 00				29	vii
constraints made							G	10	•	搅		•		
THE OFFI	CERS	OF	THE	GRAI	UAT	r Cl	UBS	8	. X	36	35	15		ix
INTRODUCTO	DRY	A	cot	INTS	OF	COL	LLEG	ES	AND	UNI	VER	SITI	ES.	
Barnard			<b>3</b> .	100						25			12	xiii
Brown			-				• 2							xiii
Bryn Maw	r	÷.				1		- 2	- Q	- 22	- Q.	<u>_</u>	12	xiv
California	2			20	1.0		- 8	- 9	i 8.		1	22		xiv
Chicago				2003			•//							XV
Clark				1.411	•		•			÷.		÷.		×v
Columbia	4		1			1				16	1	- 22	- 22	xvi
Cornell	4	2	12	0.0	0.00				- 44	$\mathbf{x}_i$		525	82	xvi
Harvard								÷.		4				xvii
Johns Hop	kins					- 2	82	- 2	1 22			13	- 8	xvii
Leland Sta	inford	1, 1	r			- 6		- 2	i (i	- 2			- 22	xviii
		1		0.400		¥.0								xviii
Minnesota			۰.			•								xix
New York	1	(÷		20			- 5	- 2	i (j)	-	÷.		- 22	xix
Northwest	ern		242		¥3		10	4			-	22	÷.	хх
Pennsylvar	nia					÷				÷.				xx
Princeton					1	ŝ	83	- 2	1 <u>\$</u>	8	÷.	8	- 22	xxi
Radcliffe			1	- 53	- 2013	- 53	- 55		1 8	÷.	- 6	12		xxii
Tulane		4	-						a					xxii
Vanderbilt			1											xxiii
Wellesley	2	8			6	1	- 8	- 8	- 50	- 8	- 8			xxiii
Western R		e	112	2.4	1.00	- 0	22	-				32	4	sxiv
Wisconsin		2	34	2.4	3.63			- 2		-		÷.		xxiv
Yalc .	8		1			1		- 2	1.0	- 2	8	- 23	- 22	XXV
	Terral		-35	30	853	13	19	3	8. 18	3	율	1	8	1000
TABULAR V	IEW	8	•	3 <b>.</b> S		•	•		£ - \$0			3 <b>4</b>		
	[Inst _] Set	ruci Req iola	ing B uirem rships	ody — ( ents fo and Fe	Gradu r Hig Ilows	ate Se aber 1 hips-	udents Degrees - Labrar	-H	igher D	egrees Grada	Confe	rred, s tudent	895 s —	

. .

1 L

#### TABLE OF CONTENTS.

. **.** 

8

12

GRADUATE COURSES.

-

													PAGE
1,		. A		. Sterry			. ÷.				. E.,		- 23
	[With Sen Latin,	itic F For (	fistory Compa	r, Bibli rative	cal Li Religi	teratur on, see	e, Bib 7.]	lical a	ad Pat	ristic (	Breek	and	
2.	Classic .			E.			-		(e)	197 - E			1
	[For Class	ical A	rchas	ology,	SCE 11.	1							
3-	English			1990			•11	•					20
4.	Germanic	24		120		<b>8</b> 5	÷.						30
5.	Romance	80	30		10	82	80	20	365		10	10	38
6.	Indo-Irania	n, ar	nd Co	mpar	ative				2				4
	[With lang	mage	s not e	therwi	ise clas	ssified,	1						
П. Рн	ilosophy, I	listo	DRY,	Econ	OMICS	, ANI	о тні	e Fr	E AI	RTS.			
7.	Philosophy	and	Ethic	5.	0.24	20	- 20	40	40	-		-	50
	(With Cor				.1			**	· · ·			1	3
. 8.	Psychology					33		22		22		32	5
9.	History, Po						-		-				6
2000	[Including				0 70 . N			-55- 1-0000		-05	10		100
10,	Economics,	Sor		100011	ä			Deter					
,	[Including						and	EYUN	ology	•	•	÷.	7
и.	[Including Fine Arts, a	r Fina and t	nce ar he Il	nd Stat Listory	istics.) of A	l Art						98 94	- 24
1000	[Including	r Fina and t	nce ar he Il	nd Stat Listory	istics.) of A	l Art					÷	94 14	- 24
11.	[Including Fine Arts, a	g Fina and t g Clas	nce ar he Il	nd Stat Listory	istics.) of A	l Art					÷	a a	- 24
11.	[Including Fine Arts, a [Includia]	r Fina and t g Clas g.	nce ar he Il	nd Stat Listory	istics.) of A	l Art					•		8
и. Ш. Р	[Including Fine Arts, a [Including] URE SCHENCE	r Fina and t g Clas g.	nce ar he Il	nd Stat Listory	istics.) of A	l Art					*		8; 9
и, Ш. Р 12,	[Iacluding Fine Arts, [Iscludin] URE SCIENCI Mathematic	r Fina and t g Clas g.	nce ar he Il	nd Stat Listory	istics.) of A	l Art							8; 9 10
11. III. P 12. 13.	[Iacluding Fine Arts, a [Iacludia] URE SCIENCE Mathematic Astronomy	r Fina and t g Clas g.	nce ar he Il	nd Stat Listory	istics.) of A	l Art							8) 9 104 104
11. III. P 12. 13. 14.	[Including Fine Arts, 1 [Including URE SCIENCE Mathematic Astronomy Physics	r Fina and t g Clas g.	nce ar he Il	nd Stat Listory	istics.) of A	l Art							9 10 10
11. III. P 12. 13. 14. 15.	[Including Fine Arts, [Including URE SCHENCE Mathematic Astronomy Physics Chemistry	r Fina and t g Clas R.	ince a ihe II sical i	nd Stat listory Archeo	istics.) of A ology.	- Art Also - - -	Theor	ny ol 1	Music.	:			9 10 10 11 12
11. III. P 12. 13. 14. 15.	[Including Fine Arts, 1 [Including URE SCHENCE Mathematic Astronomy Physics Chemistry Biology	Fina and t g Clas R. 35	ince as the II sical :	nd Stat Listory Archæ	istics.) of A ology.	- Art Also - - -	Theor	ny ol 1	Music.	:	• • • • •		9 10 10 11 12
11. III. P 12. 13. 14. 15. 16.	[Including Fine Arts, i [Including] URE SCHONCE Mathematic Astronomy Physics Chemistry Biology [Including]	Fina and t g Clas K.	ince a the II sical /	nd Stat Listory Arches	istics. / of <i>A</i> ology.	Also	Theor	ry of 1 Palaeor	Music.	]			8 9 10 10
11. III. P 12. 13. 14. 15. 16.	[Including Fine Arts, [Including URE SCHENCE Mathematic Astronomy Physics Chemistry Biology [Including Geology an [Including]	Fina and t g Clas K.	ince a the II sical /	nd Stat Listory Arches	istics. / of <i>A</i> ology.	Also	Theor	ry of 1 Palaeor	Music.	]	- - 		9 10 10 11 12

iv

12

#### EDITOR'S PREFACE.

The Handbook of Graduate Courses is now issued for the fourth successive year. The favorable reception of former editions has proven that the Handbook is a convenient and useful source of information for advanced students. They find it saves money, time, and trouble to be able to get a compact and accurate compilation of courses to be offered for the ensuing year in the leading colleges and universities: In addition to that feature, the Handbook presents a great deal of biographical, statistical, and explanatory matter relative to the special facilities of the several institutions; to the professors offering courses; to the proportion of time given to each course; to the requirements for admission to advanced standing and for eligibility for higher degrees; to the fees exacted of Graduate Students ; to the Fellowships, Scholarships, and other pecuniary aids open to them; to the numbers of Graduate Students now studying in each of the several departments of instruction, etc.1

As an exhibit of the state of graduate study in America, it is hoped that the Handbook is not without value to all officers of administration and instruction — in fact, to all persons interested in the development of higher education.

As the authorized publication of "The Federation of Grad-

<sup>&</sup>lt;sup>1</sup> The Handbook aims to give simply the essential facts, and is not an attempt to supplant the very full detailed statements issued by the several colleges and universities. The reader who desires to learn details as to any particular institution is referred to those announcements, which are freely sent to all applicants. The introductory sketches in the following pages give names and addresses of officers to whom to apply for detailed publications.

#### PREFACE.

uate Clubs," the Handbook has attained a definite status, to be used in furthering the purpose of the Federation as stated in its Constitution; that is, "to aid the development of graduate study in America."

The number of institutions whose courses are included in the present edition is twenty-four — an increase of three over last year. The Committee on Publication is disposed to maintain a conservative attitude as to the admission of additional institutions, requiring evidence of graduate instruction of a high standard and in considerable amount.

The one great improvement which the Editors have succeeded in making this year is in the matter of promptness. It is a source of congratulation that the present edition, as compared with the 1895 issue, is out two months earlier in the year. Future editors should strive to get the Handbook into the hands of readers before June 1st.

The thanks of the Editor are due to many persons for couteous attention to exacting inquiries, but especially to the Board of Assistant Editors for their severe and unrequited labors, and for their helpful spirit of coöperation.

It is too much to hope that such a complicated and technical compilation, especially when prepared with all possible haste, should be free from errors and omissions. Criticisms and suggestions are therefore invited.

CAMBRIDGE, May 29th.

vi

# The Federation of Graduate Clubs.

## ORGANIZATION PERFECTED BY THE CON-VENTION OF GRADUATE STUDENTS,

## JANUARY 3D, 1896.

#### THE OFFICERS OF THE GRADUATE CLUBS.

The Convention of Graduate Students held in New York City on April 16th, 1895, adopted resolutions favoring the assembling of a similar Convention during the following academic year. Acting upon this authorization, a call for a Convention, to meet in Philadelphia on January 3d, 1896, was issued by the Editor-in-Chief of the Handbook of Graduate Courses. By invitation of the Graduate Club of the University of Pennsylvania, which took charge of all local arrangements, the sessions of the Convention were held in their rooms in Houston Hall. The roll of the Convention showed an attendance of twentyeight regularly accredited delegates representing the following nineteen colleges and universities : Barnard, Brown, Bryn Mawr, Chicago, Clark, Columbia, Columbian, Cornell, Harvard, Johns Hopkins, Michigan, Minnesota, New York, Pennsylvania, Princeton, Radcliffe, Western Reserve, Wisconsin, Yale.<sup>1</sup>

<sup>1</sup> California, Leland Stanford, and Vanderbilt, although cooperating for the purposes of the Convention, were not represented by delegates.

!