

**GRADUATE SCHOOL LIBRARY****MASTER OF ARTS IN TEACHING (MAT PHYSICS)****MAJOR IN PHYSICS****COURSE CODE****I. FOUNDATION COURSES****PT 211 FOUNDATIONS OF SCIENCE/MATH EDUCATION**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR QC 21.3 .K37 2017	Katz, Debora M.	Physics for scientists and engineers foundations and connections with modern physics	2017	1
CIR QA 9.58 .N43f5 2015	Richard E. Neapolitan	Foundations of algorithms	2015	1
DIS 510.71 M33 2012	Marcos, Robert V.	Mathematical knowledge for teaching of teachers from selected state universities in region III	2012	1
CIR LC 196 .E38 2010		Educational foundations : an anthology of critical readings	2010	1
CIR QA 76.76. S571 2009		Site development foundations : academic student guide	2009	1
CIR GE 105 .W54e2 2007	Scott, Brenna	Environment : the science behind the stories	2007	1
CIR QA 43 .P39g 2006	Payne, Glyn.	GCSE Mathematics. AQA : foundation	2006	1
CIR LB 17 .O76f9 2006	Ornstein, Allan C.	Foundations of education	2006	2
FIL LB 17 .S36f 2005	San Mateo, Rosalinda A.	Foundations of education II : Historical, philosophical, and legal foundations of education	2005	1
CIR 153 P855d 2005	Posner, Micheal I.		2005	1



**GRADUATE SCHOOL LIBRARY**

		Foundations of cognitive science		
--	--	----------------------------------	--	--

**PT 212 STATISTICAL METHODS**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR HF 1017 .A53513 2018	Anderson, David R.	Statistics for business and economics	2018	1
CIR HA 29 .T65f 2016	Tokunaga, Howard.	Fundamental statistics for the social and behavioral sciences	2016	1
CIR QA 278 .K55p4 2016	Kline, Rex B.	Principles and practice of structural equation modelling	2016	1
CIR QA 276 .M429 2016	Mendenhall, William M.	Statistics for engineering and the sciences	2016	1
CIR G 73 .M66i2 2013	Montello, Daniel R.	An Introduction to scientific research methods in geography and environmental studies	2013	1
CIR HF 1017 .D63a2 2009	Doane, David P.	Applied statistics in business and economics	2009	1
CIR QA 278.8 .S67a3 2001	Sprent, P.	Applied nonparametric statistical methods	2001	1
CIR HA 32 .B67i 2005	Boslaugh, Sarah	An Intermediate guide to SPSS programming : using syntax for data management	2005	1

**PT 213 RESEARCH METHODOLOGY**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR H 62 .Q83 2016	Scott, Brenna	Qualitative research	2016	1
CIR BF 76.5 .U93i5 2014	Flick, Uwe.	An Introduction to qualitative research	2014	1
CIR G 73 .M66i2 2013	Montello, Daniel R.	An Introduction to scientific research methods in geography and environmental studies	2013	1
CIR H 61 .B4715 2007	Berg, Bruce L.	Qualitative research methods for the social sciences	2007	2
CIR BF 76.5 .S73r3 2007	Stangor, Charles.	Research methods for the behavioral sciences	2007	1
CIR LB 1028 .F73h 2005 c.2	Fraenkel, Jack R.	How to design and evaluate research in education	2006	1

**II. MAJOR COURSES**

**PT 221 MATH TO PHYSICS TEACHING**

Call No.	Author	Title of Book	Copyright date	No. of copies
----------	--------	---------------	----------------	---------------



**GRADUATE SCHOOL LIBRARY**

THE QC 30 .D45s 2019	Dela Cruz, Aileen G.	Self-perception about metacognition of physics teachers	2019	1
CIR QC 21.3 .K37 2017	Katz, Debora M.	Physics for scientists and engineers foundations and connections with modern physics	2017	1
CIR QC 21 .T93b 2016	Tyagi, Piyoosh Kumar	Basic elements of physics	2016	1
CIR QC 21.3 .S47p9 2014	Serway, Raymond A	Physics for scientists and engineers	2014	1
CIR QC 21.3 .G53c4 2013	Robert C. Richardson.	College physics with an integrated approach to forces and kinematics	2013	1
CIR QC 32 C33 2010	Cackett Geoff.	Higher still physics : Higher Level	2010	1
REF 370.15 Se421e 2009	Siefert Kelvin L.	Constructing a physical of teaching & learning	2009	1
	Vitug Teodora	Practical work approach (PWA) in teaching science and technology IV (Physics)	2001	1

**PT 222 INTERMEDIATE PHYSICS 1**

Call No.	Author	Title of Book	Copyright date	No. of copies
THE QC 30 .D45s 2019	Dela Cruz, Aileen G.	Self-perception about metacognition of physics teachers	2019	1
FIL QC 527.2 .A68f1 2016	Antimano, Conrado R.	Fundamentals of electricity and magnetism : physics 2	2016	1
CIR QC 23 .G53p5 2010	Giancoli, Douglas C.	Physics : principles with applications	2010	1
CIR QC 23 H48p 2009	Heuvelen. Alan Van	physics : a general introduction	2009	1
CIR QC 23 S47p 2009	Serway, Raymond A.	Physics : Study guide with selected solutions to accompany	2009	1
CIR QC 23 B39s	Bayle, Joseph J.	Study guide for Giancoli's physics	2005	1



**GRADUATE SCHOOL LIBRARY**

**PT 223 EXPERIMENTAL PHYSICS 1**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR QC 21.2 .F37p2 2017	Farr, Robert.	Physics in focus	2017	1
CIR QC 33 G13 2013	Galang, Alma Gutay	Simplified physics : fluids, waves, light and optics	2013	1
CIR QC 23 .H49c3 2009	Hewitt, Paul G.	Conceptual physics	2009	1
CIR QC 23 .P76 2007		Project physics	2007	1
CIR QC 23 S36c	Scott, Pauline M.	Clayton's electrotherapy and actinotherapy : including the physics of movement and hydrotherapy	2006	1

**PT 224 INTERMEDIATE PHYSICS 11**

Call No.	Author	Title of Book	Copyright date	No. of copies
THE QC 30 .D45s 2019	Dela Cruz, Aileen G.	Self-perception about metacognition of physics teachers	2019	1
FIL QC 527.2 .A68f1 2016	Antimano, Conrado R.	Fundamentals of electricity and magnetism : physics 2	2016	1
CIR QC 23 .G53p5 2010	Giancoli, Douglas C.	Physics : principles with applications	2010	1
CIR QC 23 H48p 2009	Heuvelen. Alan Van	physics : a general introduction	2009	1
CIR QC 23 S47p 2009	Serway, Raymond A.	Physics : Study guide with selected solutions to accompany	2009	1
CIR QC 23 B39s	Bayle, Joseph J.	Study guide for Giancoli's physics	2005	1

**PT 225 EXPERIMENTAL PHYSICS 11**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR QC 21.2 .F37p2 2017	Farr, Robert.	Physics in focus	2017	1

**GRADUATE SCHOOL LIBRARY**

CIR QC 33 G13 2013	Galang, Alma Gutay	Simplified physics : fluids, waves, light and optics	2013	1
CIR QC 23 .H49c3 2009	Hewitt, Paul G.	Conceptual physics	2009	1
CIR QC 23 .P76 2007		Project physics	2007	1
CIR QC 23 S36c	Scott, Pauline M.	Clayton's electrotherapy and actinotherapy : including the physics of movement and hydrotherapy	2006	1

**PT 226 ATOMIC AND NUCLEAR PHYSICS**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR QC 173 .W44p3 2008	Wehr, M. Russell.	Physics of the atom	2008	1
CIR QC 23 S46i 2005	Semat, Henry	Introduction to atomic and nuclear physics	2005	2
CIR QC 21 M37g 2004	Marion, Jerry B.	General physics with bioscience essays	2004	1

**PT 226 SPECIAL TOPICS IN PHYSICS**

Call No.	Author	Title of Book	Copyright date	No. of copies
THE QC 30 .D45s 2019	Dela Cruz, Aileen G.	Self-perception about metacognition of physics teachers	2019	1
CIR QC 21.3 .G53c4 2013	Robert C. Richardson.	College physics with an integrated approach to forces and kinematics	2013	1
CIR QC 32 C33 2010	Cackett Geoff.	Higher still physics : Higher Level	2010	1
REF 370.15 Se421e 2009	Siefert Kelvin L.	Constructing a physical of teaching & learning	2009	1
	Vitug Teodora		2001	1



**GRADUATE SCHOOL LIBRARY**

		Practical work approach (PWA) in teaching science and technology IV (Physics)		
--	--	---	--	--

**III. ELECTIVES/COGNATES (ANY TWO OF THE FOLLOWING SUBJECTS)**

**PT 231 COMPUTER APPLICATIONS IN SCIENCE/MATH EDUCATION**

Call No.	Author	Title of Book	Copyright date	No. of copies
CIR QA 76.9.B45 .B54 2019		Big data analytics : methods and applications.	2019	1
CIR QA 76.73.B3 .H65w 2018	Hoisington, Corinne.	Microsoft Visual Basic 2017 : for windows, web, and database applications ; comprehensive	2018	1
CIR QA 76.5 .H64c10 2015	Hoggatt, Jack.	Century 21 computer skills and applications	2015	1
CIR QA 76.76 .P47i2 2015	Perkovic, Ljubomir.	Introduction to computing using Python : an application development focus	2015	1
CIR QA 76.76 .P47i2 2012	Perkovic, Ljubomir.	Introduction to computing using Python : an application development focus	2012	1
CIR QA 76.9.D3 B56m 2011	Bingham, Richard	Managing oracle fusion applications : best practices for a high-performance enterprise application management strategy	2011	1
CIR QA 162 .K55a 2010	Klima, Richard E.	Applications of abstract algebra with Maple	2010	1
CIR TK 7872.L64 D84 2010	Dueck, Robert K.	Digital design with CPLD applications and VHDL	2010	1
CIR QA 564 .C69a 2005	Cox, David A.	Applications of computational algebraic geometry : American Mathematical Society short course	2005	1

**PT 232 ENVIRONMENTAL SCIENCES**

Call No.	Author	Title of Book	Copyright date	No. of copies
FIL QH 541 .B84e 2019 c.1	Bueno, David C.	Environmental science	2019	1



**GRADUATE SCHOOL LIBRARY**

	Mendoza, Ernesto H	Environmental management : concepts principles and practices with introduction to Philippine EIS system	2018	1
FIL QH 541 .G85f 2015 c.1	Ryan Manuel D. Guido.	Fundamentals of environmental science	2015	3
CIR G 73 .M66i2 2013	Montello, Daniel R.	An Introduction to scientific research methods in geography and environmental studies	2013	1
CIR GE 340 .E58 2012		Environmental science	2012	1
CIR GE 105 .E5838 2011		Environmental Science : understanding our changing earth	2011	2
CIR GE 105 .E54e11	Enger, Eldon D.	Environmental science : a study of interrelationships	2010	1
CIR GE 105 .C86p4	Cunningham, William P.	Principles of environmental science : inquiry & applications	2010	1
CIR GE 105 .B68 2010	Botkin, Daniel B.	Environmental science : Earth as a living planet	2010	2
CIR GE 105 .W54e2 2007	Scott, Brennan.	Environment : the science behind the stories	2007	1

**PT 233 TEACHING STRATEGIES AND EVALUATION IN SCIENCE/MATH EDUCATION**

Call No.	Author	Title of Book	Copyright date	No. of copies
THE LB 1028.3 .S87t 2019	Sumangil, Rita F.	Technological pedagogical content knowledge (TPACK) and teaching performance of mathematics teachers	2019	1
THE QC 30 .D45s 2019	Dela Cruz, Aileen G.	Self-perception about metacognition of physics teachers	2019	
CIR P 53 .O94t2 2017	Oxford, Rebecca L.		2017	1



**GRADUATE SCHOOL LIBRARY**

		Teaching and researching language learning strategies : self-regulation in context		
CIR LC 71 .H36e 2017	Hammond, Linda Darling.	Empowered educators : how high-performing systems shape teaching quality around the world	2017	1
FIL LB 1025.2 .B67i 2015	Borabo, Milagros L.	Interactive and innovative teaching strategies : a resource book for 21st century teachers: volume 1-6	2015	2
FIL 570.7 P774t 2007	Pongco, Nenita L.	Teaching Mathematics : Strategies and application	2007	1
CIR LB 1025.2 O76s 2005	Ornstein, Allan C.	Strategies for effective teaching	2005	1
CIR LB 2331 .B35s 2005	Baiocco, Sahron A.	Successful college teaching : problem solving strategies of distinguished professors	2005	1
CIR LB 1025 S22 2002	Songco, Evelyn A.	Teaching strategies in social science : for elementary grades	2002	4
FIL LB 1025 .S35t 1996	Salandanan, Gloria G.	An Introduction to scientific research methods in geography and environmental studies	1996	5

**PT 234 ETHICS AND VALUES IN SCIENCE/MATH EDUCATION**

Call No.	Author	Title of Book	Copyright date	No. of copies
FIL LC 268 .P46v 2017	Lito A. Penaflor.	Values education : legal and ethical perspective	2017	1
CIR QA 278 .K55p4 2016	Kline, Rex B.	Principles and practice of structural equation modelling	2016	1
FIL BJ 1012 .C43u 2015	Cebreros, Nazario L.	Universal ethics and contemporary values	2015	2
FIL HD 4905 .S35v 2015	Saidali, Margarita A.	Values and work ethics	2015	2
FIL HF 5387 .M33v 2010	Macdonald, Roderick J.	Values and work ethics	2010	1
FIL HV 10.5 .L89 2010	Ramirez, Luzviminda F.	Man Values , Work Ethics	2010	1





Republic of the Philippines

**NUEVA ECIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

Cabanatuan City, Nueva Ecija, Philippines

ISO 9001:2015 CERTIFIED


**GRADUATE SCHOOL LIBRARY**

CIR BD 232 .G75v 2005	Griffin James.	Value judgement : improving our ethical beliefs	2005	1
--------------------------	----------------	---	------	---

**PT 235 SEMINAR ON TRENDS, ISSUES AND PROBLEMS IN SCIENCE/MATH EDUCATION**

Call No.	Author	Title of Book	Copyright date	No. of copies
THE LB 1028.3 .M35i 2019		Integration of active learning strategies in science grade 10 for better learning outcomes	2019	1
CIR QA 278 .K55p4 2016	Kline, Rex B.	Principles and practice of structural equation modelling	2016	1
CIR HD 577 .L43 2016	Malabad, Teresa B.	Leadership in organizations: current issues and key trends.	2016	1
THE LB 2395 .M36w 2014	Mananghaya, Michael E	A Web-based comprehensive online rapid evaluator (C.O.R.E) for our lady of the sacred heart college	2014	1

Prepared by:

  
**VILMA L. DE GUZMAN, MLIS, RL**  
College Librarian I

Noted by:

  
**CONSUELO J. ESTIGOY, PHD.**  
University Librarian