

**UNIVERSIDAD INTERAMERICANA DE PUERTO RICO
RECINTO DE BAYAMÓN
DEPARTAMENTO DE CIENCIAS NATURALES Y MATEMÁTICAS**

LISTA DE LIBROS

Enero a Mayo 2023 (2023-30)

| BIOLOGÍA | | | | | | |
|-----------------|---|--|-------------------------|---|---|----------------------------|
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| BIOL 1101-1102 | Biology | Brooker, Widmaier, Graham, Stirling | 5ta /2020 | 10: 1307443656 13: 978-1307443653 | McGraw Hill Education | 164.00 |
| BIOL 1103-1104 | Biology | Brooker, Widmaier, Graham, Stirling | 5ta /2020 | 10: 1307443656 13: 978-1307443653 | McGraw Hill Education | 164.00 |
| BIOL 1116 | Mader's Understanding Human Anatomy and Physiology | Longenbaker, S. N. | 10ed/2020 | 978-1-260-20927-3 978-1-260-41084-6 | McGraw-Hill Higher Education | 81.99 |
| BIOL 1116 | Essentials of Human Anatomy & Pyhysiology Laboratory Manual | Marieb | 6ta/2014 | 10:0321947916 13:978-032947918 | Pearson | 58.60 |
| BIOL 2103 | Integrated Principles of Zoology | Hickman, C. Jr, Eisenhour, D., Keen, S., l'Anson, H. and Larson, A. | 18 Ed. (2020) | 10:1260565971 13:978-120565973 | McGraw-Hill Higher Education | 80.00 |
| BIOL 2104 | Stern's Introductory Plant Biology | James Bidlack and Shelley Jansky | 17ed/2021 | 978-1-260-24083-2 | McGraw-Hill | 80.00 |
| BIOL 2104 Lab | Plant Biology Laboratory Manual | Almuth Tschnko | 1ra 2007 | 0 13 143508 6 | Pearson Prentice Hall | \$50.00 |
| BIOL 2153 | Statistics for the Life Sciences | Samuels Witmer Schaffner | Fourth Ed. /2012 | 10:0-321-65280-0 13: 978-0-321-65280-5 | Prentice Hall | 167.00 |
| BIOL 3010 | Genetics: Analysis and Principle | Brooker, R.J. | (2021)7th ed. | 10: 1260240851 13: 9781260240856 | McGraw-Hill Education. New York, NY | \$130.66 |
| BIOL 3105 | Microbiology | Wiley | 11th/20 | 978-1-260-21188-7 | McGraw | 162.50 |
| Lab BIOL 3105 | Microbiology a Lab Manual | Capuccino y Sherman | 10th /2013 | 978-0321840226 | Benjamin Cumming | \$50.00 |
| BIOL 3106 | Anatomy & Physiology: n integrative approach | McKinley, M O'Loughlin V., Bidle T. | 4ta Ed 2018 | 10:1260084701 13:978-1260084702 9781260265217 | Benjamin Cumming | \$160.00 |

| | | | | | | |
|---------------|--|--------------------------------------|---------------------------------|--|----------------------------|--------|
| Lab BIOL 3106 | Lab Investigations in Anatomy & Physiology | Sarikas, S. | 2da./2010 | 978-0-321-57515-9 | Benjamin Cumming | 75.00 |
| BIOL 3220 | Essential Biochemistry | Charlotte W. Pratt, Kathleen Cornely | 3rd ed./2014 | 13: 9781118083505 | John Wiley and Sons, Inc. | 102 |
| BIOL 3503 | Ecology | Cain, M., W. Bowman, and S. Hacker. | 2013. 3rd Edition | 13: 978-0878939084 10: 9780878939084 | Sinauer Associates | 54.98 |
| BIOL 3602 | Clinical Anatomy and Physiology for Veterinary Technicians | Colville, TP, Bassert, JM | 2016, 3 rd . Edition | 13: 978-0323227933 | Mosby | 73.79 |
| Lab BIOL 3602 | Laboratory Manual for Clinical Anatomy and Physiology for Veterinary Technicians | Colville, TP, Bassert, JM | 2016, 3 rd . Edition | 13: 978-0323294751 | Mosby | 54.69 |
| BIOL 4303 | Introduction to Fungi | Webster, J., & Weber, R. | (2007) | 13: 978-0-511-27783-2 | Cambridge University Press | 150.00 |
| BIOL 4305 | Medical Microbiology | Ryan KJ | 2021, 8th. Edition | 10: 1260464288 13: 978-1260464283 | McGraw Hill | 85.60 |
| Lab BIOL 4305 | Microbiology: A Laboratory Manual | Cappuccino, JG, Welsh CT | 2019 12th. Edition | ISBN-10: 0135188997 ISBN-13: 978-0135188996 | Pearson | 74.99 |
| BIOL 4433 | No se utilizará libro de texto | | | | | |
| BIOL 4604 | Becker's World of the Cell | Hardin, J. & Bertoni, Gregory. | 10th/2022 | 10: 0135259495 13: 978-0135259498 | Pearson | 169.00 |
| BIOL 4605 | Manual de Destrezas III – protocolos propios | | | | | |
| BIOL 4953 | No se utilizará libro de texto | | | | | |

BIOTECNOLOGÍA

| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
|-----------|--|------------------|-----------------|-------------------|----------------------------|-----------------|
| BIOT 3750 | Molecular Biology | Weaver, W.F. | (2012)5th ed. | 978'0'07'352532 7 | McGraw-Hill. New York, NY. | 220.00 |
| BIOT 4620 | Culture of Animal Cells. A Manual of Basic Technique and Specialized Applications. | Freshney, Ian R. | 2016.7th ed. | 9780470528129 | Wiley- Liss | 76.99 |
| BIOT 4928 | Título: Proteins: Biochemistry and Biotechnology | Gary Walsh | 2014 2nd ed. | 978-0-470-66985-3 | John Wiley & Sons | 55.00 |

MICROBIOLOGÍA

| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
|-----------|-----------------------------------|--------------------------------|-----------------|-------------------|--------------|-----------------|
| MICR 4505 | Microbiology: A Laboratory Manual | Cappuccino, J.G. & Welsh, C.T. | 12th. 2019 | 13: 9780137546527 | Persons | 90.66 |
| MICR 4910 | No se utilizará libro de texto | | | | | |
| MICR 4955 | No se utilizará libro de texto | | | | | |

MANEJO AMBIENTAL

| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
|-----------|---|-----------------------|-----------------|--------------------|--------------|-----------------|
| EVMA 4212 | Environmental Health and Hazard Risk Assessment Principles and Calculations | Theodore L, Dupont, R | 2012 | 13: 978-1439868874 | CRC Press | 48.84 |
| EVMA 4505 | No se utilizará libro de texto | | | | | |

CIENCIAS MARINAS

| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
|-----------|--------------------------------|-----------------------------------|-------------------|-------------------|-----------------------|-----------------|
| MASC 1600 | Essentials of oceanography | Garrison TS, Ellis R. Cengage | 2017. 8th Edition | 13: 9781337098656 | Learning/Brooks Cole, | 130.00 |
| MASC 3600 | Introduction to Marine Biology | Karleskint G. Turner R., Small J. | 2013 | 9781133364467 | Cengage Learning | 99.95 |

| | The marine biology coloring book | Niesen TM. | 2000 | 13: 9780062737182 | Harper Collins Coloring Books | 13.24 |
|----------------|--|---|------------------------|--------------------------------------|-------------------------------|-----------------|
| MASC 3603 | Introduction to Marine Biology, Lab Manual. | Karleskint G., Turner R., Small J. | 2013 4th Edition | 9781133589808 | Cengage Learning | 73.00 |
| MASC 3930 | Manual de redacción científica | Mari Mut JA. | 1998-2013 | 978-0811735681 | Ediciones digitales | 17.81 |
| | How to Keep Naturalists notebook Rite in the Rain Weatherproof Hard Cover Notebook, 4 1/4" x 6 3/4", Yellow Cover, Universal Pattern (No. 370F-M) | Tomlinson SL. | 2010 | | | 19.88 |
| | The craft of scientific presentations: Critical steps to succeed and critical errors to avoid. Springer | Alley M. | 2013 | 13: 978-1441982780 | Stackpole Books | 39.99 |
| MASC 4040 | Marine mammals: Evolutionary biology | Berta A, Sumich JL, Kovacs KM. | 2015 | 13 978-0123970022. | Academic Press | 89.44 |
| MASC 4910 | No se utilizará libro de texto | | | | | |
| QUÍMICA | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| CHEM 1111-2212 | Principles of CHEMISTRY. A Molecular Approach | Nivaldo J. Tro. | 4th Edition 2020 | 13: 978-0134895741 10: 0134895746 | Pearson | 200.00 |
| CHEM 2115 | General Chemistry: Principles & Modern Applications | Petrucci | 11ed/2017 | 13: 9780132931281 | Pearson | 307.00 |
| CHEM 2221-2222 | Organic Chemistry | Janice Gorzynski Smith | 6th/2020 | 13: 978-1260119107 10: 1260119106 | McGraw Hill | 50.00 |
| CHEM 3320 | Fundamentals of Analytical Chemistry | D. A. Skoog, D. M. West, F. J. Holler, S. R. Crouch | 9th. Edition; 2013. | 13: 978-0495558286 10: 0495558281 | Brooks Cole, NY | 200.00 |
| CHEM 3350 | No se utilizará libro de texto | | | | | |

| CHEM 4220 | Bioquímica | Pratt, Cornely | 1ed/2012 | 978-607-448-218-8 | Manual Moderno, México | 100.00 |
|--------------------------------|---|---------------------------------|----------------------------------|--------------------|---|-----------------|
| Lab CHEM 4220 | Protocolos propios | | | | | |
| CHEM 4350 | Understanding Solids : The Science of Materials (2) | Tilley, Richard J. D.. | 2th Edition 2013 | 978-1-118-42328-8 | Wiley | 160.00 |
| CHEM 4860 | No se utilizará libro de texto | | | | | |
| CHEM 4915 | No se utilizará libro de texto | | | | | |
| CHEM 4970 | No se utilizará libro de texto | | | | | |
| CIENCIA, TECNOLOGÍA Y AMBIENTE | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| GEST 2020 | Ciencia, Tecnología y Ambiente | Rodríguez, López | 3ra./2009 | 978-970-830-048-3 | Thompson | 37.98 |
| BIENESTAR Y CALIDAD DE VIDA | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| GEHP 3000 | Bienestar y Calidad de Vida | Lopategui | 2006 | 047010175X | John Wiley & Sons | 40.00 |
| CIENCIAS FORENSES | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| FORS 2000 | Criminalistics, An Introduction to Forensic Science | Saferstein, Richard. | 12th Ed. 2017. | 978-0134477596 | Pearson | 180.00 |
| FORS 397J | No se utilizará libro de texto | | | | | |
| FORS 4422 | An Introduction to forensic chemistry | Elkins, K. M. | (2019) | 978-1498763103 | Boca Raton, FL: CRC Press/Taylor & Francis Group. | 80.00 |
| | Forensic Chemistry: Fundamentals and Applications | Siegel, J. A. | (2016) 1 st . Edition | 13: 978-1118897720 | Wiley Blackwell | 88.00 |
| FORS 4512 | An Introduction to Forensic Genetics | Goodwin W., Linacre A., Hadi S. | (2011) 2nd Edición | 13: 9780470010259 | John Wiley & Sons | 70.00 |
| FORS 4910 | No se utilizará libro de texto | | | | | |

| FORS 4960 | Designing Science Presentations: A visual Guide to Figures, Papers, Slides, Poster, and More | Carter M | 2nd Edition. 2020 | 978-0128153772 | Academic Press | 35.00 |
|--------------------------|--|--|-------------------------|--|--|------------------------|
| JUSTICIA CRIMINAL | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| CJUS 1000 | Criminología General | Resumil de San Filippo, Olga E. | 2da.ed. 2000 | 10 : 0847730336 13 : 978-0847730339 | Editorial de la Universidad de Puerto Rico, Río Piedras, P.R.. | 131.53 |
| CJUS 2010 | No se utilizará libro de texto | | | | | |
| CJUS 2050 | Victims of Crime. | Davis, R. C. & Lurigio, A. J., & Herman, S | 4th ed. (2012) | 13: 978-1452203201 10: 1452203202 | Los Angeles: Sage. | 84.09 |
| CJUS 2075 | No se utilizará libro de texto | | | | | |
| CJUS 2090 | No se utilizará libro de texto | | | | | |
| CJUS 2095 | Police Ethics and Values (Policing Matters) | Mac Vean, A. | 2012 | 10 0857253859 13 978-0857253859 | USA: Learning. Thousands Oaks, California: Sage Publication. | 43.36 |
| CJUS 2205 | No se utilizará libro de texto | | | | | |
| CJUS 3025 | Código Penal de Puerto Rico Derecho penal puertorriqueño: parte general San Juan, Puerto Rico Instituto para el Desarrollo del Derecho. | Nevares, D. | 4ta. 2019 | 10 : 0914939386 13 : 978-0914939382 | Instituto para el Desarrollo del Derecho | 99.95 |
| CJUS 3027 | Controversies in White Collar Crime | Potter, G. | (2002). | | Anderson Publishing | |
| CJUS 3030 | Entrevista e Interrogatorios | Badillo Grajales, Ricardo | 2006 | 1933485175 | Publicaciones Puertorriqueñas | 38.00 |
| CJUS 3035 | Leyes Penales Especiales de Puerto Rico | | 2012 | 13: 979-8510669060 | San Juan, Puerto Rico: Ediciones SITUM | 28.53 |

| CJUS 3242 | No se utilizará libro de texto | | | | | |
|---------------------|--|--------------------------|-------------------------|--|--|--|
| CJUS 4014 | Fundamentos del Razonamiento Estadístico | Sánchez Viera, J | 3rd. 2004 | 10 : 1881724581 13 : 978-1881724582 | San Juan: Universidad | 75.00 |
| | SPSS: Análisis estadístico simplificado | Villa Rodríguez, J | 2011 | 13: 978-0470178300 10: 0470178302 | John Wiley & Sons, Inc | 45.96 |
| CJUS 4500 | Metodología de La Investigación | R Hernandez Sampieri | 6ta Edicion2013 | 10: 1456223968 13: 978-1456223960 | Editor: McGraw Hill | 55.00 |
| CJUS 4972 | No se utilizará libro de texto | | | | | |
| POLS 1011 | No se utilizará libro de texto | | | | | |
| PSYC 1051 | Psicología: conceptos y aplicaciones | Nevid, J. S. | (2011). | ASIN : B00FPZSM82 | México, Cengage Learning Editores, S. A. | 276.00 |
| PSYC 3001 | No se utilizará libro de texto | | | | | |
| SOCI 1030 | Sociología | Schaefer, R. T. | 2012 | 10 : 6071506611 13 : 978-6071506610 | México: McGraw-Hill/Interamericana | 60.00 |
| SOCI 2080 | Sistema de Justicia Criminal de Puerto Rico | Pedro Malavet Vega | 3rd. 2012 | 10: 6071506611 13: 978-6071506610 | Ediciones Lorena | 99.95 |
| MATEMÁTICAS | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| GEMA 1000 | Educosoft Learning System | Sharma, Man | | | | |
| GEMA 1200 | Educosoft Learning System | Sharma, Man | | | | |
| MATH 1500-1511 | Educosoft Learning System | Sharma, Man | | | | |
| MATH 1512 | PRECALCULUS Sixth edition Mathematics for Calculus | Stewart, Redlin y Watson | 2012 | 13: 978-0840068071, 10: 0840068077 | Thomson | 97.92 |
| MATH 2251/2252/3250 | Calculus: with CalcChat &CalcView (11th ed.) | Larson, R. & Edwards, B. | 2018 | 978-1-337-275347 | Cengage Learning | \$159.86 |
| MATH 3350 | Elementary Linear Algebra | Ron Larson | Eighth Edition. 2017 | 978-0-357-539538 | Cengage Learning | \$249.95 Hardcover Rent \$39.49 |

| | | | | | | eTextbook \$38.99 |
|-----------------|---|--|-------------------------|--------------------------------------|------------------------------------|---|
| MATH 3400 | A First Course in Differential Equations with Modeling Applications | Dennis G Zill | Eleventh Edition. 2017 | 978-1-305-96572-0 | Cengage Learning | Hardcover \$213.49 eTextbook \$38.99 |
| FÍSICA | | | | | | |
| CURSO | TÍTULO DEL LIBRO | AUTOR | EDICIÓN/ AÑO | ISBN | CASA EDITORA | PRECIO ESTIMADO |
| PHYS 3001-3002 | College Physics | Geller & Young | 9ed/2012 | 13: 978-0321733177 | Pearson | 145.00 |
| PHYS 3311-3312 | University Physics Volume I | Moebs W., Ling S.J., Sanny, J. | 2018 | | | online |
| PHYS 3500 | College Physics | Geller & Young | 9ed/2012 | 13: 978-0321733177 | Pearson | 145.00 |
| MAESTRÍA | | | | | | |
| BIOL 5002 | Molecular Cell Biology | Lodish, A; Berik, SL; Kaiser, CA; Kvieger, M; Scott, MP; Bretscher, A; Ploegh, H; Matsudaira, PT | 2007 8th edition | 10 0716776014 13 978-0716776017 | W.H Freeman & Co ctd. New York, NY | 107.00 |
| BIOL 6006 | No se utilizará libro de texto | | | | | |
| BIOL 6015 | No se utilizará libro de texto | | | | | |
| BIOL 6020 | No se utilizará libro de texto | | | | | |
| BIOL 6023 | Medical and Veterinary Entomology | Gary Mullen, Lance Durden | 3rd Edition, 2018. | 9780128140444, 9780128140437 | Academic Press | 67.56 |
| BIOL 6204 | Scientific Method for Ecological Research | E. David Ford | 1st Edition | 13: 978-0521660051 10: 052166005X | Cambridge University Press | 88.40 |
| BIOL 6971 | No se utilizará libro de texto | | | | | |
| BIOL 6972 | No se utilizará libro de texto | | | | | |
| BIOL 6975 | No se utilizará libro de texto | | | | | |
| BIOL 6990 | No se utilizará libro de texto | | | | | |
| BIOL 6991 | No se utilizará libro de texto | | | | | |
| BIOL 6992 | No se utilizará libro de texto | | | | | |

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| BIOL 6993 | No se utilizará libro de texto | | | | | |
| BIOL 6994 | No se utilizará libro de texto | | | | | |

*LIBRO SE UTILIZA EN DOS CLASES