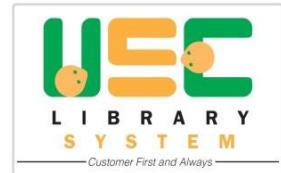


UNIVERSITY OF SAN CARLOS

The Library System
Science & Technology Section



Acquisitions List: Sciences Division ***2nd Semester 2014-2015***

Astronomy and Allied Sciences

Foukal, P. (2013). *Solar astrophysics*. 3rd rev ed. Weinheim, Germany : Wiley, Wiley-VCH.
523.7/F82

Seeds, M. A., & Backman, D. E. (2013). *The solar system*. 8th ed. Australia: Brooks/Cole Cengage Learning. 523.2/S45

Seeds, M. A., & Backman, D. E. (2013). *Universe solar system, stars, and galaxies*. 8th ed. Pacific Grove, Calif: Brooks/Cole. 520/S45

Botanical Sciences

Jana, A. K. (2012). *Process simulation and control using Aspen*. New Delhi: PHI Learning.
583.65/J33

Chemistry and Allied Sciences

Atta-ur-Rahman, . (2008). *Studies in natural products chemistry*. Amsterdam : Elsevier.
547.7/St94 v.34

Brown, L. S., & Holme, T. A. (2015). *Chemistry for engineering students*. 3rd ed. Australia: Cengage Learning. 540.2462/B87

Hogg, J., & Joesten, M. D. (2014). *CHEM 2: chemistry in your world*. Australia : Brooks/Cole.
540/H71

Suchocki, J. (2014). *Conceptual chemistry*. 5th ed. Boston :Pearson. 540/Su18

West, A. R. (2014). *Solid state chemistry and its applications*. 2nd ed. Wiley & Sons Canada, Limited, John. 541.0421/W51

Computer Science and Related Subjects

- Andrews, J. (2014). *A+ guide to hardware: managing, maintaining and troubleshooting*. 6th ed. Australia: Course Technology. 004.16/A56
- Andrews, J. (2014). *Comptia A+ guide to managing and maintaining your PC: comprehensive*. 8th ed. Boston, Mass: Course Technology, Cengage Learning. 004.16/A56
- Balagurusamy, E. (2013). *Object oriented programming with C++*. 6th ed. New Delhi: Tata McGraw-Hill. 005.1/B17
- Cisco Networking Academy Program., & Cisco Systems, Inc. (2012). *CCNA security lab manual version 1.1*. Indianapolis, Ind: Cisco Press. 005.8076/C57
- Clements, A. (2014). *Computer organization and architecture: themes and variations*. Stamford, CT: Cengage Learning. 004.22/C62
- Dale, N. B., & Weems, C. (2014). *Programming and problem solving with C++*. 6th ed. Jones & Bartlett. 005.133/D13
- Das, S. (2012). *Your UNIX/Linux: the ultimate guide*. 3rd ed. New York: McGraw-Hill Higher Education. 005.432/D22
- Dubey, A., & Misra, A. (2013). *Android security: attack and defenses*. Boca Raton, Fla: CRC Press. 005.8/M67
- Fowler, M. (2004). *UML distilled: applying the standard object modeling language*. 3rd ed. Boston, MA: Addison-Wesley. 005.117/F82
- Guernsey, M. (2013). *Test-driven database development: unlocking agility*. Upper Saddle River, NJ: Addison-Wesley. 005.1/G93
- In Oshana, R., & In Kraeling, M. (2013). *Software engineering for embedded systems: methods, practical techniques, and applications*. Amsterdam: Newnes. 006.22/O82
- Kahate, A. (2013). *Cryptography and network security*. 3rd ed. New Delhi: McGraw Hill Education. 005.8/K12
- Krishnan, K. (2013). *Data warehousing in the age of big data*. Amsterdam: Elsevier. 005.745/K92
- Lewis, D. W. (2013). *Fundamentals of embedded software with the ARM® Cortex-M3*. 2nd ed. Upper Saddle River, N.J: Pearson. 005.133/L67
- MacKenzie, I. S. (2013). *Human-computer interaction: an empirical research perspective. (Human-computer interaction.)* Amsterdam: Elsevier, Morgan Kaufmann. 004.019/M15

Rosenblatt, H. J., & Shelly, G. B. (2014). *Systems analysis and design*. 10th ed. Australia: Course Technology, Cengage Learning. 004.21/S54

Simon, D. (2013). *Evolutionary optimization algorithms: biologically-Inspired and population-based approaches to computer intelligence*. Hoboken, New Jersey: John Wiley & Sons Inc. 006.3/S59

Stacey, M., Salvatore, J., & Jorgensen, A. (2013). *Visual intelligence: Microsoft techniques and tools for visualizing data*. Indianapolis: Wiley. 006.312/S77

Stallings, W., & Case, T. (2013). *Business data communications: infrastructure, networking and security*. 7th ed. Boston: Pearson. 004.6/St18

Suh, J. W., & Kim, Y. (2014). *Accelerating Matlab with GPU computing: a primer with examples*. Waltham, MA: Morgan Kaufmann. 006.6/Su36

Vacca, J. R. (2013). *Computer and information security handbook*. 2nd ed. Amsterdam: Morgan Kaufmann Publishers is an imprint of Elsevier. 005.8/C73

Earth Sciences

Millero, F. J. (2013). *Chemical oceanography*. 4th ed. Boca Raton: Taylor & Francis. 551.466/M61

Lu, N., & Godt, J. W. (2013). *Hillslope hydrology and stability*. Cambridge: Cambridge University Press. 551.436/L96

Pipkin, B. W., Trent, D. D., Hazlett, R. W., & Bierman, P. (2013). *Geology and the environment*. 7th ed. Australia: Brooks/Cole Cengage Learning. 550/P66

Spellman, F. R., & Stoudt, M. L. (2013). *The handbook of geosciences*. Lanham, Md: Scarecrow Press. 550/Sp32

Life Sciences

Goldberg, D. T. (2013). *AP biology*. Hauppauge, N.Y: Barron's Educational Series, Inc. 570.76/G56

Hartl, D. L., & Ruvolo, M. (2012). *Genetics: Analysis of genes and genomes*. Burlington, MA: Jones & Bartlett Learning. 576.5/H33

Hoy, M. A. (2013). *Insect molecular genetics: An introduction to principles and applications*. 3rd ed. Amsterdam: Elsevier. 572.8157/H85

In Heimann, K., & In Katsaros, C. (2013). *Advances in algal cell biology*. 571.29/Ad95

In Martin, F. (2014). *The ecological genomics of fungi*. Ames, Iowa, USA :Wiley Blackwell. 571.592/Ec73

- Johnson, G. B. (2013). *Essentials of the living world*. 4th ed. New York, NY: McGraw-Hill. 570/J66
- Jones, E. B. G., & Pang, K. (2012). *Marine fungi and fungal-like organisms*. Boston: De Gruyter. 579.1/M33
- Kaim, W., Schwederski, B., & Klein, A. (2013). *Bioinorganic chemistry: inorganic elements in the chemistry of life : an introduction and guide*. Chichester : John Wiley & Sons Inc. 572.51/K12
- Voit, E. O. (2013). *A first course in systems biology*. New York: Garland Science. 570.113/V87
- Karp, G. (2014). *Cell biology*. 7th ed. Singapore : Wiley & Sons. 574.84/K18
- Krebs, C. J. (2014). *Ecology: the experimental analysis of distribution and abundance*. 6th ed. 574.5/K92
- Noyd, R. K., Krueger, J. A., & Hill, K. M. (2014). *Biology: Organisms and adaptations*. Australia: Brooks/Cole, Cengage Learning. 570/N94
- Sterelny, K., Joyce, R., Calcott, B., & Fraser, B. (2013). *Cooperation and its evolution*. Cambridge, Mass: MIT Press. 576.8/C78
- Reed, R. (2013). *Practical skills in biomolecular sciences*. Harlow, England: Pearson Education. 572.8/R25
- Simon, E. J., Reece, J. B., Dickey, J., & Campbell, N. A. (2013). *Campbell essential biology with physiology*. 4th ed. Glenview, IL: Pearson Education. 570/Si53
- Southworth, D. (2012). *Biocomplexity of plant-fungal interactions*. Ames, Iowa: Wiley-Blackwell. 579.5/B52
- Schimel, D. S. (2013). *Climate and ecosystems*. Oxford: Princeton University Press. 577/Sch34
- Ozsoz, M. (2012). *Electrochemical DNA biosensors*. Singapore: Pan Stanford Publishing. 572.8/EI25

Mathematics

- Adzievski, K., & Siddiqi, A. H. (2014). *Introduction to partial differential equations for scientists and engineers using Mathematica*. Boca Raton, FL: CRC Press. 515.353/A24
- Bhargava, A.K.(2013). *Fuzzy set theory fuzzy logic and their applications*. Ram Nagar, New Delhi : S. Chand & Company Pvt. Ltd. 511.32/B57
- Bober, W., & Stevens, A. (2013). *Numerical and analytical methods with MATLAB for electrical engineers*. Boca Raton: CRC Press. 515.028553/B63
- Briggs, W. L. (2013). *Calculus for scientists and engineers*. Boston: Pearson. 515/B76

- Brummelen Van, G. (2013). *Heavenly mathematics: the forgotten art of spherical trigonometry*. Princeton: Princeton University Press. 516.24/B83
- Churchill, R. V., & Brown, J. W. (2014). *Complex variables and applications*. 9th ed. New York: McGraw-Hill. 515.9/B81
- Cominetti, R., Facchinei, F., & Lasserre, J.-B. (2012). *Modern optimization modeling techniques*. Basel: Springer. 519.6/C73
- Devore, J. L., Farnum, N. R., & Doi, J. A. (2014). *Applied statistics for engineers and scientists*. 3rd ed. Stamford, CT: Cengage Learning. 519.5/D49
- Dobrow, R. P. (2014). *Probability with applications and R*. Hoboken, New Jersey: John Wiley & Sons. 519.202855133/D63
- Eagle, A. (2011). *Philosophy of probability: contemporary readings*. Abingdon, Oxon: Routledge. 519.201/P54
- Farin, G. E., & Hansford, D. (2014). *Practical linear algebra: A geometry toolbox*. 3rd ed. Boca Raton :CRC Press, Taylor & Francis Group. 512.5/F22
- Gay, D. (2014). *Explorations in topology: map coloring, surfaces and knots*. 2nd ed. London: Elsevier. 514/G25
- Gerver, R. K., & Sgroi, R. J. (2014). *Financial algebra: advanced algebra with financial applications*. Australia :South-Western, Cengage Learning. 512.0024332/G32
- Hsu, H. P. (2014). *Schaum's outlines: probability, random variables, and random processes*. 3rd ed. New York: McGraw-Hill. 519.2076/H87
- Kuiper, S., & Sklar, J. (2013). *Practicing statistics: guided investigations for the second course*. Boston: Pearson. 519.5/K96
- Larson, R. Hostetler, R.P.(2012). *Algebra and trigonometry*. 8th ed. Andover: Cengage Learning. 512/L32
- Larson, R.(2014). *Precalculus*. 9th ed. Australia :Brooks/Cole, Cengage Learning. 510/L32
- Nahin, P. J. (2013). *The logician and the engineer: how George Boole and Claude Shannon created the information age*. Princeton : Princeton University Press. 510.922/N15
- Panik, M. J. (2014). *Growth curve modeling: theory and applications*. Hoboken N.J.: John Wiley & Sons. 519.5/P19
- Peck, R., & Olsen, C. (2014). *Statistics: learning from data*. Australia: Brooks Cole Cengage Learning. 519.5/P33
- Petrovic, J. S. (2014). *Advanced calculus: theory and practice*. London: CRC Press. 515/P44

- Scott, I., & Mazhindu, D. (2014). *Statistics for healthcare professionals*. Los Angeles: SAGE. 519.502461/Sco83
- Tan, S. T. (2014). *Finite mathematics for the managerial, life, and social sciences*. 11th ed. Australia :Cengage Learning. 510/T15
- Vanderbei, R. J. (2014). *Linear programming: foundations and extensions*. 4th ed. New York: Springer. 519.72/V28
- Voss, J. (2014). *An introduction to statistical computing: a simulation-based approach*. Chichester: John Wiley & Sons. 519.50113/V93
- Walker, J. A. (2014). *McGraw-Hill's 500 SAT math questions to know by test day*. New York: McGraw-Hill. 510.76/W15
- Waner, Stefan, & Costenoble, Steven. (2013). *Finite mathematics, hybrid + enhanced Web assign with Ebook Loe printed access card for one-term math and science*. 6th ed. Brooks/Cole Pub Co. 510/W24
- Weihs, C., Mersmann, O., & Ligges, U. (2014). *Foundations of statistical algorithms: with reference to R packages*. Boca Raton: CRC Press. 519.5028551/W42

Physics

- Carlsmith, D. L. (2013). *Particle physics*. Boston: Pearson. 539.72/C19
- Kalluri, D. K. (2013). *Principles of electromagnetic waves and materials*. Boca Raton : CRC Press. 537/K12
- Loyd, D. H. (2014). *Physics laboratory manual*. 4th ed. Australia: Brooks/Cole Cenage Learning. 530.078/L92

Zoology

- Drew, R. A. I., & Romig, M. C. (2013). *Tropical fruit flies (Tephritidae: Dacinae) of South-East Asia: Indomalaya to North-West Australasia*. Cambridge, MA : CABI. 595.774/D82
- Fleagle, J. G. (2013). *Primate adaptation and evolution*. 3rd ed. Amsterdam: Elsevier/Academic Press. 599.8138/F62
- Klowden, M. J. (2013). *Physiological Systems in Insects*. 3rd ed. Elsevier Science & Technology Books. 595.7/K69

UNIVERSITY OF SAN CARLOS
The Library System

LOAN/RESERVATION REQUEST FORM

AUTHOR : _____
TITLE : _____
CALL NO. : _____
BORROWER'S NAME: _____
DEPARTMENT : _____
DATE NEEDED : _____
RECEIVED & HANDLED BY: _____

PUBLICATION CREDITS

CRISTITA LARGO LANTICSE
SCIENCE & TECHNOLOGY LIBRARIAN

For inquiries

Call: 2300100 local 193 or 0917-631-5180

Email: cllanticse@usc.edu.ph; titalanticse@gmail.com

Books are the carriers of civilization. Without books, history is silent, literature dumb, science crippled, thought and speculation at a standstill. Without books, the development of Civilization would have been impossible. They are the engines of change, Windows on the world, Lighthouses (as the poet said) Erected in the sea of time. They are companions, teachers, magicians, bankers of the treasures of the mind. Books are humanity in print.

-- Barbara Tuchman -