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PREPARED: 09/30/20 - 09:26  BY OPER: DARSAD ID:     001394199

  Vanallen, Dylan Jay          ADVSR:        ST: SR

PROGRAM CODE: PHY          BULLETIN YR: 2019-20


                    Physics Major

                 Bachelor of Science

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                 Vanallen, Dylan Jay

                 140 Gallis Hill Road


                 Kingston NY     12401

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              ****STUDENT'S ACADEMIC PROGRAM****

          *****        DECLARED MAJOR             *****


                 DARS MAJOR/MINOR CODES

                 _____

                 MAJOR:        PHY

                 ADDL MAJORS:  CSICMAJ

                 MINOR:        MATMIN

                 ADDL MINORS:

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                 **SUMMARY OF TRANSFER COURSES**


  **Note: A maximum of 90 credits may be from other schools


        TOTAL CREDITS TRANSFERRED:

      EARNED:    70 CREDITS

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          ****   APPLICATION FOR GRADUATION  ****


You should apply for graduation in the semester

in which you will complete 120 credits and all

degree requirements.


 ** APPLY AT: WWW.ALBANY.EDU/MYUALBANY (CURRENT TERM)


For previous terms you will need to submit

a degree application at the Registrar's Office

Campus Center B-52.


     **REMEMBER YOU MUST APPLY IN ORDER TO GRADUATE**

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      ****  BACHELOR OF SCIENCE REQUIREMENTS ****

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       REQUIRED: A minimum of 120 graduation credits and a

        cumulative GPA 2.00 in coursework graded A-E at Albany.

     EARNED:   100 CREDITS

IN PROGRESS    15 CREDITS

     NEEDS:     5 CREDITS


   +     CURRENT UALBANY CUMULATIVE GPA:

                                        3.41 GPA


   +    LIBERAL ARTS REQUIREMENT IS COMPLETED
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                    (   97 CRS EARNED   )
IN-PROG     15 CREDITS


                    UNIVERSITY RESIDENCE REQUIREMENT


   *     **Please remember that a minimum of 30 of the
         last 60 graduation credits must be completed
         in courses at the Albany campus.
          **Note: It excludes study abroad courses.
===================================================================
*YOU HAVE NOT MET THE REQUIREMENTS FOR HONORS*


         GRADUATION HONORS
         A degree with honors requires a minimum of 56
         credits completed at UAlbany with a minimum of
         40 A-E credits and a final UAlbany cumulative
         GPA of at least 3.25.



   -     YOUR CREDITS AT UALBANY ARE:
         (    30 CRS EARNED   )
IN-PROG     15 CREDITS
            NEEDS:     11 CREDITS


   -     YOUR HONORS CREDITS ARE:
         (    27 CRS EARNED   )
            NEEDS:     13 CREDITS


   +     NOTE: This grade point average is for "honors" only


         CURRENT UALBANY CUMULATIVE GPA:

                                       3.41 GPA
===================================================================
The General Education Program at the University at Albany is
a distinct educational program that is broad by design, unique
to campus, and coherent in structure. The following requirements
comprise the University at Albany General Education Program and
are in effect for students matriculating Fall 2014 and beyond.


Proof of completion of A.A. or A.S. degree from other SUNY
institutions will waive all SUNY-wide General Education
requirements at UAlbany. The "Challenges for the 21st Century"
requirement will not be waived by an A.A. or A.S. degree.


      30 MIN CRS OK-INDIVIDUAL REQUIREMENTS MUST BE FULFILLED
     EARNED:    31 CREDITS
===================================================================
         * MATHEMATICS AND STATISTICS *


   +     COMPLETED
        SP18 AMAT113       4.0 TA     Calculus II
                                    RARITAN : MATH152
===================================================================
         * WRITING AND CRITICAL INQUIRY *


   +     COMPLETED
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      FA16 AENGE10      3.0 TC   CONVERTED TO: AENG010

                                 IN LIEU OF:   WCI

                                 Exposition and Argument

                                 RUTGERS : 01355103
================================================================
      * ARTS *
      ** Note: Courses cannot double count with Humanities **


 +    COMPLETED
      FA19 AARH170      3.0 C    Survey of Art Western World I
================================================================
      * HUMANITIES *
      ** Note: Courses cannot double count with Arts **


 +    COMPLETED
      FA17 APHI210      3.0 TC   Intro to Formal Logic
                                 RARITAN : PHIL103
================================================================
      * NATURAL SCIENCES *


 +    COMPLETED
      SP15 APHYE10      4.0 TT  >R CONVERTED TO: APHY010

                                  IN LIEU OF:   NATSCIENCE

                                  AP-Physics 1

                                  AP    : APPH1
================================================================
      * SOCIAL SCIENCES *


 +    COMPLETED
      FA18 APSY101      3.0 TA   Introduciton to Psychology
                                 RARITAN : PSYC103
================================================================
      * U.S. HISTORY *


 +    COMPLETED
      FA17 AHIS101      0.0 NTD  US History 1877 to Present
                                 RARITAN : HIST202
================================================================
      * INTERNATIONAL PERSPECTIVES *


 +    COMPLETED
      FA19 AARH170      3.0 C    Survey of Art Western World I
================================================================
      * FOREIGN LANGUAGE *


 +    COMPLETED
      SU20 ASPN100      3.0 TA   Introduction to Spanish I
                                 RARITAN : SPAN103
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          **** ADDITIONAL REQUIREMENT ****
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      * CHALLENGES FOR THE 21ST CENTURY *


 +    COMPLETED
      FA20 ICSI300Z     3.0 IP  > Societal Ethical Implications
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               *******   MAJOR REQUIREMENTS   *******

            Physics Major

            69 Credits Required

         EARNED:    33 CREDITS                              3.88 GPA

    IN PROGRESS    9 CREDITS

         NEEDS:    27 CREDITS                              2.00 GPA


    +    Introductory Physics Sequence -

            select 3 courses:

            NOTE: Students must complete APHY 240 with a C or

            better to register for APHY 320, 340, and 440.

         FA19 APHY142       3.0 A    T. SCHNITZER/CSI

                                       Physics I: Advanced Mechanics

         SP20 APHY152       3.0 A    T.SCHNITZER/CSIC

                                       Physics II: Adv Electromagnet

         FA20 APHY240       3.0 IP  >  Phys III: Structure of Matter


    -    Lab Sequence - select 3 courses:

         FA16 APHY106       1.0 TB   M.MORA/CSI

                                       Classical Phys Lab

                                       RUTGERS : 01750275

         SP17 APHY109       1.0 TB   Classical Physics Lab

                                       RUTGERS : 01750276

          NEEDS:              1 COURSE

           SELECT FROM: APHY245


    +    Select AMAT 314 and 315 or APHY 235:

            NOTE: Students must complete APHY 235 with a C or

            better to register for APHY 320, 335Z, 340, 350, 440,

            and 460.

         FA20 APHY235       3.0 IP  >  Mathematics in Physics


    -    Physics Courses - select all courses:

            NOTE: Students must complete APHY 250 with a C or

            to register for APHY 335Z, 350, 450, and 460.

          NEEDS:              8 COURSES

           SELECT FROM: APHY250,320,335,340,350,440,450,460


    -    Chemistry - select 4 courses:

         SP20 ACHM120       3.0 A    General Chemistry I

         FA20 ACHM121       3.0 IP  >  General Chemistry II

          NEEDS:     2 CREDITS  2 COURSES

           SELECT FROM: ACHM130 OR TCHM130  ACHM131 OR TCHM131

              ACHM124,125


    +    Mathematics - select 3 courses:

         SP16 AMAT112       4.0 TT   AP-Mathematics: Calculus AB

                                       AP     : APMAB

         SP18 AMAT113       4.0 TA   Calculus II

                                       RARITAN : MATH152

         FA18 AMAT214       4.0 TB   Calculus III

                                       RARITAN : MATH251


    +    Mathematics Elective - select one course:

         FA19 AMAT220       3.0 A-   Linear Algebra

         SP20 AMAT367       3.0 A-   Discrete Probability
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-     Upper Level Physics Elective - select one course:
          NEEDS: 1 COURSE
          SELECT FROM: APHY415Y,426Y,430Y,443Y,448Y,451Y,462Y,
              APHY466Y,477Y,497Y

+   Select one course:
      FA17 ICSIE10   4.0 TA   IN LIEU OF: ICSI201
                                     T. SCHNITZER/CSI
                                     Foundations of Comp Science
                                     RARITAN : CISY105
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       Advance Course Level Check
       Major Residence Check
       24 CREDITS AT ALBANY OF WHICH 12 ARE UPPER LEVEL

+   Major Residence Check
             15 CREDITS
IN-PROG   9 CREDITS

-     300-599 Advance Course Check
      (3 CRS EARNED   )
IN-PROG   3 CREDITS
          NEEDS: 6 CREDITS
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      *******   MAJOR REQUIREMENTS   ******
      Computer Science Major - Combined (Bachelor of Science)
      73 Credits Required
    EARNED: 48 CREDITS   3.59 GPA
IN PROGRESS   12 CREDITS
    NEEDS: 13 CREDITS   2.00 GPA

-     NOTE: A "C" or "S" or better grade in courses
            ICSI210, ICSI213 (310) and ICSI333

      Core Courses - select all courses:
      FA17 ICSIE10   4.0 TA   IN LIEU OF: ICSI201
                                     T. SCHNITZER/CSI
                                     Foundations of Comp Science
                                     RARITAN : CISY105
      SP18 ICSI213   4.0 TA   Data Structures
                                     RARITAN : CISY254
      FA19 ICSI333   4.0 B-   Pgm HardwareSoftware Interfac
      SP20 ICSI210   4.0 B+   Discrete Structures
      SP20 ICSI404   3.0 S#   Assembly Computer Organizatio
          NEEDS: 2 COURSES
      SELECT FROM: ICSI403 OR 503,409

-     Programming Language Principles - select one course:
          NEEDS: 3 CREDITS
      SELECT FROM: ICSI311

-     Intensive System Software Development -
      Select one course:
          NEEDS: 3 CREDITS

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        SELECT FROM: ICSI402(THROUGH FA19),499


   +    Social Aspects of Computing - select one course:
       FA20 ICSI300Z      3.0 IP  >  Societal Ethical Implications


   -    Computer Science Electives - select 9 credits:
       FA20 ICSI451       3.0 IP  >  Bayesian Data Analy/Signal Pr
         NEEDS:      6 CREDITS
        SELECT FROM: APHY353 OR IECE353  APHY454 OR IECE454
           APHI432  ICSI300 TO 470,500 TO 550


   +    Mathematics - select 17 credits:
       FA19 AMAT220       3.0 A-    Linear Algebra
       SP20 AMAT367       3.0 A-    Discrete Probability
       SP16 AMAT112       4.0 TT    AP-Mathematics: Calculus AB
                                    AP     : APMAB
       SP18 AMAT113       4.0 TA    Calculus II
                                    RARITAN : MATH152
       FA18 AMAT214       4.0 TB    Calculus III
                                    RARITAN : MATH251


   +    Physics - select 4 courses:
       FA19 APHY142       3.0 A     IN LIEU OF:   CSIC9
                                    T. SCHNITZER/CSI
                                    Physics I: Advanced Mechanics
       FA19 APHY145       1.0 A     Physics Lab I
       SP20 APHY152       3.0 A     IN LIEU OF:   CSIC9
                                    T.SCHNITZER/CSIC
                                    Physics II: Adv Electromagnet
       FA16 APHY106       1.0 TB    IN LIEU OF:   CSIC9
                                    M.MORA/CSI
                                    Classical Phys Lab
                                    RUTGERS : 01750275


       Science Sequence - Select one of the four options below


       Option 1 - select 2 courses:
       FA20 APHY240       3.0 IP  >  Phys III: Structure of Matter
         NEEDS:               1 COURSE
        SELECT FROM: APHY250


   + OR  Option 4 - select 2 courses
       SP20 ACHM120       3.0 A     General Chemistry I
       FA20 ACHM121       3.0 IP  >  General Chemistry II
================================================================
      ADVANCE COURSE CHECK IS COMPLETE
      MAJOR RESIDENCE IS COMPLETE


   +    Major Residence Check
            21 CREDITS
IN-PROG      3 CREDITS


   +    300-599 Advance Course Check
         (    10 CRS EARNED   )
IN-PROG      3 CREDITS
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                    <<<<18 CRS COMPLETE>>>>

                       Mathematics Minor

                       18 Credits Required

                 EARNED:    18 CREDITS                              3.70 GPA


                 +    Select 12 credits:

                    FA19 AMAT220     3.0 A-    Linear Algebra

                    SP20 AMAT367     3.0 A-    Discrete Probability

                    FA18 AMAT214     4.0 TB    Calculus III

                                               RARITAN : MATH251

                    SP19 AMATE10     2.0 TA  >S IN LIEU OF:   AMAT311

                                               S.PLOTNICK / MAT

                                               Differential Equations

                                               RARITAN : MATH254


                 +    Select 6 credits:

                    SP16 AMAT112     4.0 TT    AP-Mathematics: Calculus AB

                                               AP     : APMAB

                    SP18 AMAT113     2.0 TA  >S Calculus II

                                               RARITAN : MATH152


                 +    MINOR RESIDENCE CHECK IS COMPLETE

                      (     6 CRS EARNED   )

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                    COURSES THAT ARE EXCLUDED FROM

                    GRADUATION REQUIREMENTS:


                     COURSES WITH GRADES OF XU,XD,E,Z,OR W:

                    FA20 APHY353     0.0 W     Microprocessor Applications

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                    Elective Courses


                    SP19 AANT108     3.0 TA    Intro to Cultural Anthropolog

                                               RARITAN : ANTH101

                    FA16 ACASE10     3.0 TB+ >R CONVERTED TO: ACAS010

                                               Interdisc Honors Seminar

                                               RUTGERS : 01090292

                    SP17 ACASE10     3.0 TC  >R CONVERTED TO: ACAS010

                                               Honors College Forum

                                               RUTGERS : 01090125

                    SP16 AMATE10     2.0 TT    CONVERTED TO: AMAT010

                                               AP-Mathematics: Calculus AB

                                               AP     : APMAB

                    SP19 AMATE10     2.0 TA  >S IN LIEU OF:   AMAT311

                                               S.PLOTNICK / MAT

                                               Differential Equations

                                               RARITAN : MATH254

                    SP16 APHYE10     4.0 TT  >R CONVERTED TO: APHY010

                                               AP-Physics 2

                                               AP     : APPH2

                    FA16 APHY105     3.0 TC    Honors Physics I

                                               RUTGERS : 01750271

                    SP19 IINFE10     3.0 TA    CONVERTED TO: CINFE10

                                               Web Page Development I

                                               RARITAN : CISY225

                    FA18 ICSIE10     3.0 TB  >R CONVERTED TO: ICSI010
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                              Python Programming

                              RARITAN : CISY200

        FA18 ICSIE10   4.0 TA >R CONVERTED TO: ICSI010

                              Comp Arch and Assemb Language

                              RARITAN : CISY256

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                ==== UALBANY ACADEMIC SUMMARY ====

    EARNED: 30 CREDITS   3.41 GPA

IN PROGRESS   15 CREDITS

          ---- ACADEMIC COURSE WORK - FALL ----

              14 CREDITS   3.14 GPA

      FA19 AARH170   3.0 C   Survey of Art Western World I

      FA19 AMAT220   3.0 A-   Linear Algebra

      FA19 APHY142   3.0 A   T. SCHNITZER/CSI

                                  Physics I: Advanced Mechanics

      FA19 APHY145   1.0 A   Physics Lab I

      FA19 ICSI333   4.0 B-   Pgm HardwareSoftware Interfac

          ---- ACADEMIC COURSE WORK - SPRING ----

              16 CREDITS   3.72 GPA

      SP20 ACHM120   3.0 A   General Chemistry I

      SP20 AMAT367   3.0 A-   Discrete Probability

      SP20 APHY152   3.0 A   T.SCHNITZER/CSIC

                                  Physics II: Adv Electromagnet

      SP20 ICSI210   4.0 B+   Discrete Structures

      SP20 ICSI404   3.0 S#   Assembly Computer Organizatio

          ---- ACADEMIC COURSE WORK - FALL ---

              0 CREDITS

IN-PROG   15 CREDITS

      FA20 ACHM121   3.0 IP > General Chemistry II

      FA20 APHY235   3.0 IP > Mathematics in Physics

      FA20 APHY240   3.0 IP > Phys III: Structure of Matter

      FA20 ICSI300Z   3.0 IP > Societal Ethical Implications

      FA20 ICSI451   3.0 IP > Bayesian Data Analy/Signal Pr

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                    **** LEGEND ****

>C = CROSS LISTED COURSE   TT   = TEST CREDIT

>D = COURSE CANNOT BE REPEATED

     LOWEST GRADE EXCLUDED

>W = PLANNED COURSE

(R)= REQUIRED COURSE   G+GRD = OVERSEAS PROGRAM (GINS)

-R = REQUIRED SUB-REQUIREMENT   GRD# = S/U OPTED COURSE

>R = COURSE ALLOWED TO   IP   = IN-PROGRESS COURSE

     BE REPEATED FOR CREDIT

                                T+GRD = TRANSFERRED COURSE

>S = COURSE WHICH HAS CREDITS   EC   = COURSE & CRS WAIVED

     SPLIT BETWEEN REQTS   WC   = WAIVED COURSE

* = REPORTS TITLE LINE ONLY   WH   = CREDITS EXEMPTED

+ = SUB-REQUIREMENT COMPLETED   WR   = REQUIREMENT WAIVED

- = SUB-REQUIREMENT NOT COMPLETED

>- = COURSE SPLIT AFTER MAXIMUM LIMIT ALLOWED

     OR COURSE TAKEN OUT OF SEQUENCE

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                                    XS    = PASSING GRADE (XREG)

TOS = OUT OF SEQUENCE          XU    = NOT PASSING GRADE

       TRANSFER GRADE          N     = FORMAL COURSE AUDIT

?  = UNDEFINED GRADE           PC    = PROFICIENCY EXAM CREDITS

WI = TRANSFER WINTER COURSE

ND = NO CREDIT TRANSFER D GRADE - NO GRADUATION CREDIT

        THESE INCLUDE CROSS REGISTERED COURSES

NC = NO CREDIT COURSES & NO GRADUATION CREDIT


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                    ****  NOTICE  ****


THIS DEGREE AUDIT HAS BEEN PROVIDED FOR ADVISEMENT PURPOSES

AND IS AN INTERNAL DOCUMENT ONLY FOR USE BY THE STUDENT AND

THE ACADEMIC ADVISER.
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              Vanallen, Dylan Jay

              140 Gallis Hill Road


              Kingston NY      12401
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********************** END OF ANALYSIS **********************
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