Customizations needed:

5YO's: If the difference between the calc term and the last term attended is 5 or more years, set the Include flag for those old STC records to NO so they are not part of any of the SAP calculations. They also do not count toward 150% completion of the program. They should be completely ignored.

ESL: If the student’s STC list includes ESL courses, and if the active program used for the 150% rule is not ESL.NDEG, then just for the 150% rule calculation do not use the ESL STC’s (they don’t count toward the program but they do count toward credits, GPA, etc.).

Consortium: If the student’s only active registration for the term is FA-999 then they’re a home consortium student and their status should be whatever it already was (no calculations or evaluations are done).

Idea: New computed column: XK32.SAPR(CONSORTIUM.ONLY.FLAG
New CC calls
SUBR("XK32.S.CHECK.FOR.CONSORTIUM",SAPR.STUDENT.ID,SAPR.CALC.THRU.TERM)
New subroutine: Create STUDENT.TERMS ID with arguments
A.SAPR.STUDENT.ID:"*":SAPR.CALC.THRU.TERM:"*CR". From that record get
STTR.STUDENT.ACAD.CRED. If the only STC with an active (N,A,PN,PA,SA,SB) status is FA-999 (STC.COURSE='14649'), then return "Y", else return "N".

Then add 3 rules to CALCTERM, after FUTULTHT:

FCTA: WITH XK32.SAPR(CONSORTIUM.ONLY.FLAG EQ 'Y'
AND WITH XK32.FA.PREV.SAP.STAT EQ 'SAT'
Assign
status: SAT

FCTP: WITH XK32.SAPR(CONSORTIUM.ONLY.FLAG EQ 'Y'
AND WITH XK32.FA.PREV.SAP.STAT EQ 'PRB' 'PT1' 'PT2' 'MD1' 'MD2'
Assign
status: PRB

FCTU: WITH XK32.SAPR(CONSORTIUM.ONLY.FLAG EQ 'Y'
AND WITH XK32.FA.PREV.SAP.STAT EQ 'SUS' 'MAX'
Assign
status: SUS

Medicals: When a medical appeal is approved, FA advisors override the term’s calculated status to either MD1 or MD2. For those terms, the process should completely ignore the STC records (don’t use them in calculations for completion, GPA, 150% rule, or anything else). If there are additional later terms with MD overrides, treat them as normal – only the first 2 are ‘ignored.’

Idea - Use STC.MARK and customize process to Include=No STC’s with STC.MARK=M? Or have process table up student’s SAPR’s and check if any of them are the most recent of records for their term, and for that term set the STC’s Include=No. I’d need to test this to see if the graduation processor replaces the M mark with a G mark when they graduate. Or if the M interferes at all with the graduation processor.

When testing this customization, check for WAS.SUS.IS.SAT. There may be more than usual because previous calculations included past medical terms’ registrations.

When the Medical customization is finished, add 3 rules at the end of the rule list, using computed column XK32.FA.PREV.SAP.STAT, which calls subroutine XK32.S.PREV.SAP.STAT:

* XK32.S.PREV.SAP.STAT
* Virtual field subroutine
* Sample call statements (assuming FIN.AID file)
* SUBR("XK32.S.PREV.SAP.STAT",FA.SAP.RESULTS.ID)
* Input arguments:
* AL.SAPR.IDS
* * Returns the penultimate calculated SAP status
* Sample list statement:
* LIST FIN.AID EVAL 'SUBR("XK32.S.PREV.SAP.STAT",FA.SAP.RESULTS.ID)'  
  
A.OUTPUT = ''
IF AL.SAPR.IDS = '' THEN RETURN
XL.SAPR.IDS = AL.SAPR.IDS
X.CNT = 0
X.SAPR.CNT = ''
X.CUR.SAPR = ''
X.SAPR.TERM = ''
X.CUR.SAPR.TERM = ''
X.SAPR.CNT = DCOUNT(XL.SAPR.IDS,@VM)
IF X.SAPR.CNT EQ '1' THEN
  A.OUTPUT = 'SAT'
END ELSE
X.CUR.SAPR = XL.SAPR.IDS<1,1>
V.SAP.RESULTS.ID = X.CUR.SAPR
FOR THE REFERENCED SAP.RESULTS.ID
  X.CUR.SAPR.TERM = V.SAPR.CALC.THRU.TERM
END THE SAP.RESULTS.ID
FOR X.CNTR = 2 TO X.SAPR.CNT
  V.SAP.RESULTS.ID = XL.SAPR.IDS<1,X.CNTR>
  FOR THE REFERENCED SAP.RESULTS.ID
    X.SAPR.TERM = V.SAPR.CALC.THRU.TERM
  X.PREV.CALC = V.SAPR.CALC.SAP.STATUS
  X.PREV.OVR = V.SAPR.OVR.SAP.STATUS
END THE SAP.RESULTS.ID
IF X.SAPR.TERM NE X.CUR.SAPR.TERM THEN
  IF X.PREV.OVR EQ 'SAT' OR X.PREV.OVR EQ 'PRB' OR X.PREV.OVR EQ 'SUS' THEN
    A.OUTPUT = X.PREV.OVR
  X.CNTR = X.SAPR.CNT
  END ELSE
  IF X.PREV.OVR EQ '' THEN
    A.OUTPUT = X.PREV.CALC
  X.CNTR = X.SAPR.CNT
  END
END
END
NEXT X.SAPR.CNT
END
RETURN

New rules:

FMTA: WITH XA12.FA.CUR.SAP.STATUS EQ 'MD1' 'MD2' AND XK32.FA.PREV.SAP.STATUS EQ 'SAT' Assigns status: SAT

FMTP: WITH XA12.FA.CUR.SAP.STATUS EQ 'MD1' 'MD2' AND XK32.FA.PREV.SAP.STATUS EQ 'PRB' Assigns status: PRB

FMTU: WITH XA12.FA.CUR.SAP.STATUS EQ 'MD1' 'MD2' AND XK32.FA.PREV.SAP.STATUS EQ 'SUS' Assigns status: SUS