```
tc_pred_col_all  THM

⊢  ∀p:Collection(rel()), ds:Collection(dec())
   , da:Collection(SimpleType), de:sig().
   tc_pred(p;ds;da;de) ⟺ (∀r∈p.tc(r;ds;da;de))
  by UnivCD THENA Auto THEN RWW "col_all_iff" 0

     THENA (Auto THEN Try (Unfold ‘pred‘ 0 ) THEN Auto)

     THEN Unfold ‘tc_pred‘ 0
THEN RelRST
THEN Auto
END
```